

**Prima Oil & Gas Company**

July 10, 2001

JUL 16 2001

Advantage Resources Inc.  
1700 Sherman Street  
Suite 1900  
Denver, CO 80203

Attention: Mr. Edward J. Ackman

RE: Exception Location  
Scofield Christiansen 8-23  
SWNW-8-T12S-R7E

Gentlemen:

Prima Oil & Gas Company plans to drill a well in the SW/4NW/4 of Section 8, Township 12 South, Range 7 East. We have met with the surface owner who is also a Housing Developer. Our proposed location for this well falls in a planned housing development.

There is an existing plugged and abandoned location in the quarter/quarter located 652' FWL and 2071' FNL. We planned to locate the well 100' west of the existing well. The Developer has asked that we move the well west of our proposed location. This would locate the well 222' FWL and 1972' FNL. This location would be out of the planned lots in the proposed housing development. (See attached plat)

Pursuant to the Rules and Regulations of the Utah Department of Natural Resources in order to locate the well in an Exception Location, requires the consent of all owners within a 460 foot radius. (See attached plats).

Prima Oil & Gas Company hereby respectfully requests your consent to the Exception Location for the Scofield Christiansen well located in the SW/4NW/4 of Section 8, Township 12 South, Range 7 East. If you consent to the Exception Location please sign one copy of this letter and return it to us in the enclosed envelope. If you object to this location please advise us at your earliest convenience.

Exhibit "I"

Thank you for your cooperation in this matter.

Sincerely,

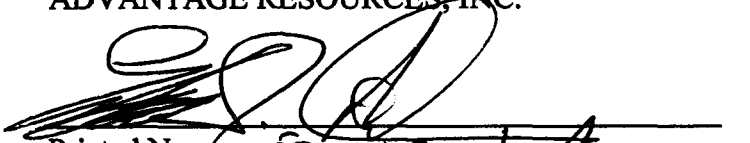
PRIMA OIL & GAS COMPANY



Cindi Danner, CPL  
Landman

We hereby consent to the Exception Location for the Scoffield Christiansen Well located in the SW/4NW/4 of Section 8, Township 12 South, Range 7 East.

ADVANTAGE RESOURCES, INC.



Printed Name: EDUARDO J. FURMAN  
Title: PRESIDENT

375 South Carbon Avenue A-10  
Suite 101  
Price, Utah 84501  
Phone: 435-637-8781  
435-637-5032 Ext 710/711

Cell: 801-650-1401  
801-650-1402  
Fax: 435-636-8603  
Email: talon@castlenet.com

July 25, 2001

Mr. John Baza  
State of Utah  
Division of Oil Gas and Mining  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

RE: Application for Permit to Drill—Scofield Christiansen 8-23, Carbon County, Utah  
1972' FNL, 222' FWL, Section 8, T12S, R7E, SLB&M.

Dear Mr. Baza:

On behalf of Prima Oil and Gas Company (Prima), Talon Resources, Inc. respectfully submits the enclosed original of the *Application for Permit to Drill (APD)* for the above referenced well. A request for exception to spacing has also been included since the well is located within 460' of the drilling unit boundary. Included with the APD is the following supplemental information:

Exhibit "A" - Survey plats and layouts of the proposed well site;

Exhibit "B" - Proposed location map with pipe, power, and road corridors;

Exhibit "C" - Drilling site layout;

Exhibit "D" - Drilling Program;

Exhibit "E" - Multi Point Surface Use Plan;

Exhibit "F" - Typical road cross-section;

Exhibit "G" - Typical BOP diagram;

Exhibit "H" - Typical wellhead manifold diagram.

Exhibit "I" - Consent to the Exception Location

RECEIVED

JUL 27 2001

DIVISION OF  
OIL, GAS AND MINING

**CONFIDENTIAL**

Please accept this letter as Prima's written request for confidential treatment of all information contained in and pertaining to this application, if said information is eligible for such consideration.

Thank you very much for your timely consideration of this application. Please feel free to contact myself, or Mrs. Cindi Danner at Prima if you have any questions or need additional information.

Sincerely,

*Don Hamilton*

Don Hamilton

Environmental Manager / Project Coordinator

cc: Mr. Walt, Lunsford, Prima  
Mrs. Cindi Danner, Prima  
Mrs. Lisa Morris, Prima  
Mr. Dave Levanger, Carbon County  
Prima Well File

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

## APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1A. Type of Work: <b>DRILL</b> <input checked="" type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/>		5. Lease Designation and Serial Number: <b>Fee</b>	
B. Type of Well: <b>OIL</b> <input type="checkbox"/> <b>GAS</b> <input checked="" type="checkbox"/> <b>OTHER:</b> <input type="checkbox"/> <b>SINGLE ZONE</b> <input checked="" type="checkbox"/> <b>MULTIPLE ZONE</b> <input type="checkbox"/>		6. If Indian, Alottee or Tribe Name: <b>N/A</b>	
2. Name of Operator: <b>Prima Oil and Gas Company</b>		7. Unit Agreement Name: <b>N/A</b>	
3. Address and Telephone Number: <b>1099 18th St., Ste. 400, Denver, CO 80202 1-303-297-2300</b>		8. Farm or Lease Name: <b>Scofield Christiansen</b>	
4. Location of Well (Footages) At Surface: <b>1972' FNL, 222' FWL</b> At Proposed Producing Zone: <b>441'</b> <div style="text-align: right; margin-top: -20px;"><b>4464586 N</b> <b>485310 E</b></div>		9. Well Number: <b>8-23</b>	
14. Distance in miles and direction from nearest town or post office: <b>4.5 miles north of Scofield, Utah</b>		10. Field or Pool, or Wildcat: <b>Wildcat</b>	
15. Distance to nearest property or lease line (feet): <b>222'</b>		11. Qtr/Qtr, Section, Township, Range, Meridian: <b>SW/4 NW/4, Section 8, T12S, R7E, SLB&amp;M</b>	
16. Number of acres in lease: <b>2963.955 acres</b>		12. County: <b>Carbon</b>	
17. Number of acres assigned to this well: <b>40</b>		13. State: <b>Utah</b>	
18. Distance to nearest well, drilling, completed, or applied for, or <b>441'</b>		20. Rotary or cable tools: <b>Rotary</b>	
19. Proposed Depth: <b>6500'</b>		22. Approximate date work will start: <b>August 2001</b>	
21. Elevations (show whether DF, RT, GR, etc.): <b>7809' GR</b>			

### PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8" J-55 ST&C	36 #	1300'	580 sacks Type II w/ 2% CaCl; 1.41 cu.ft / sack, 14.5 # / gal
8-1/2"	7" J-55 ST&C	23 #	5400'	Lead—295 sacks Prem. Lite II: 3.46 cu.ft / sack, 11.0 # / gal
				Tail—180 sacks Prem. Lite (High str.): 1.97 cu.ft / sack, 13.0 # / gal

DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

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OIL, GAS AND MINING

24. Name & Signature: *Cindi Danner* **Cindi Danner, CPL** Title: **Landman** Date: 7-24-01

(This space for state use only)

API Number Assigned: 43-007-30788

**Approved by the  
Utah Division of  
Oil, Gas and Mining**

Date: 09-04-01

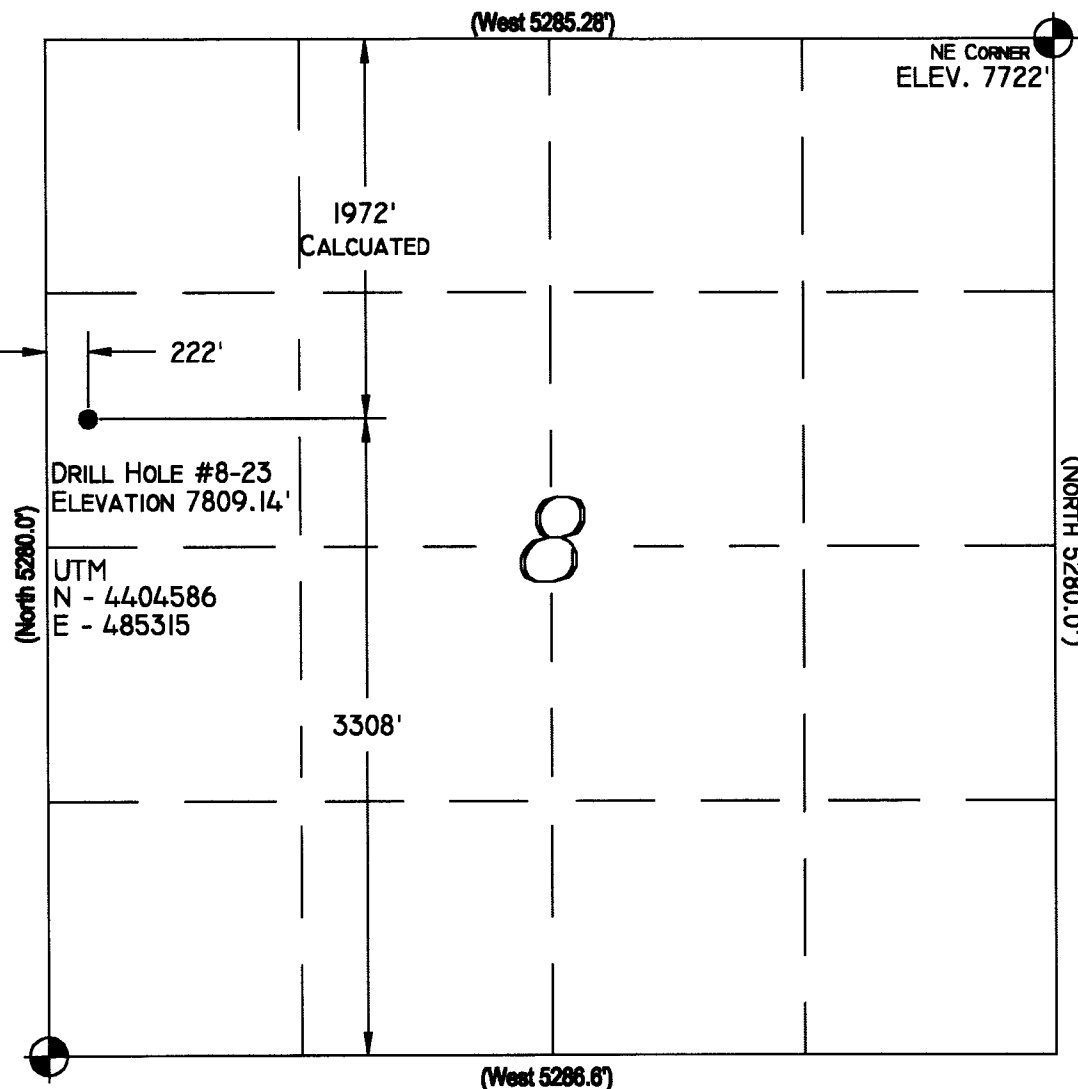
By: *[Signature]*

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ORIGINAL

# Range 7 East

Township 12 South



## Legend

- Drill Hole Location
- ⊙ Brass Cap (Found)
- Brass Cap (Searched for, but not found)
- △ Calculated Corner
- ( ) GLO
- GPS Measured

## NOTES:

1. UTM AND LATITUDE / LONGITUDE COORDINATES ARE DERIVED USING A GPS PATHFINDER AND ARE SHOWN IN NAD 27 DATUM.

LAT / LONG  
39°47'35"N  
111°10'17"W

ORIGINAL GRAPHIC SCALE  
0 500' 1000'  
( IN FEET )  
1 inch = 1000 ft.

## Location:

THE WELL LOCATION WAS DETERMINED USING A TRIMBLE 4700 GPS SURVEY GRADE UNIT.

## Basis of Bearing:

THE BASIS OF BEARING IS GPS MEASURED.

## GLO Bearing:

THE BEARINGS INDICATED ARE PER THE RECORDED PLAT OBTAINED FROM THE U.S. LAND OFFICE.

## Basis of Elevation:

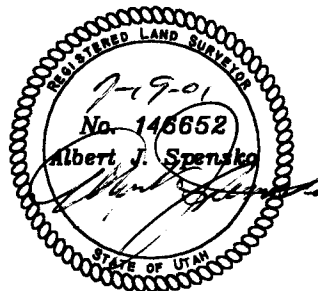
BASIS OF ELEVATION OF 7722' BEING AT THE NORTHEAST SECTION CORNER OF SECTION 8, TOWNSHIP 12 SOUTH, RANGE 7 EAST, SALT LAKE BASE AND MERIDIAN, AS SHOWN ON THE COLTON QUADRANGLE 7.5 MINUTE SERIES MAP.

## Description of Location:

PROPOSED DRILL HOLE LOCATED IN THE SW1/4, NW1/4 OF SECTION 8, T12S, R7E, S.L.B.&M., BEING 3308.0' NORTH AND 222.0' EAST FROM THE SOUTHWEST SECTION CORNER OF SECTION 8, T12S, R7E, SALT LAKE BASE & MERIDIAN.

## Surveyor's Certificate:

I, Albert J. Spensko, a Registered Professional Land Surveyor, holding Certificate 146652 State of Utah, do hereby certify that the information on this drawing is a true and accurate survey based on data of record and was conducted under my personal direction and supervision as shown hereon.



**Talon Resources, Inc.**  
375 South Carbon Avenue, Suite 101  
Price, Utah 84501  
Ph: 435-637-8781  
Fax: 435-636-8603

**Prima Oil & Gas Company**  
**Scofield Christiansen #8-23**  
Section 8, T12S, R7E, S.L.B.&M.  
Carbon County, Utah

Drawn By: M. MOON	Checked By: L.W.J./A.J.S.
Drawing No. A-1	Date: 07/18/01
	Scale: 1" = 1000'
Sheet 1 of 4	Job No. 362

EXHIBIT "D"  
DRILLING PROGRAM

Attached to UDOGM Form 3  
Prima Oil and Gas Company  
Scofield Christiansen 8-23  
SW4 NW/4, Sec. 8, T12S, R7E, SLB & M  
1972' FNL, 222' FWL  
Carbon County, Utah

1. The Geologic Surface Formation

Star Point Sandstone of the Mesaverde Group

2. Estimated Tops of Important Geologic Markers

Upper Blue Gate	500'
Emery	1,300'
Lower Blue Gate	3,350'
Ferron	5,400'
Tununk	5,950'
Dakota	6,200'

3. Projected Gas & Water Zones

Emery	1,300' - 3,350'
Ferron	5,400' - 5,950'
Dakota	6,200' - 6,400'

Groundwater may be encountered within the Star Point and Emery Sandstones. Water encountered will be reported on a Form 7 "Report of Water Encountered During Drilling".

Casing & cementing will be done to protect potentially productive hydrocarbons, lost circulation zones, abnormal pressure zones, and prospectively valuable mineral deposits. All indications of usable water will be reported.

Surface casing will be tested to 2000 psi.

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#### 4. The Proposed Casing and Cementing Programs

##### Casing Program –

HOLE SIZE	SETTING DEPTH (INTERVAL)	SIZE (OD)	WEIGHT, GRADE & JOINT	CONDITION
12--1/4"	1,300'	9-5/8"	36# J-55 ST&C	New
8-1/2"	5,400'	7"	23# J-55 ST&C	New

##### Cement Program –

Surface Casing: 580 sacks Type II w/ 2% CaCl;

Weight: 14.5 # / gal

Yield: 1.41 cu.ft / sk

Intermediate Casing:

Lead -- 295 sacks Prem. Lite II

Weight: 11.0 # / gal

Yield: 3.46 cu.ft / sk

Tail -- 180 sacks Prem. Lite (High Strength)

Weight: 13.0 #/gal

Yield: 1.97 cu.ft/sk

The following shall be entered in the driller's log:

- 1) Blowout preventer pressure tests, including test pressures and results;
- 2) Blowout preventer tests for proper functioning;
- 3) Blowout prevention drills conducted;
- 4) Casing run, including size, grade, weight, and depth set;
- 5) How the pipe was cemented, including amount of cement, type, whether cement circulated, location of the cementing tools, etc.;
- 6) Waiting on cement time for each casing string;
- 7) Casing pressure tests after cementing, including test pressures and results.

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5. The Operator's Minimum Specifications for Pressure Control

Exhibit "G" is a schematic diagram of the blowout preventer equipment. A 10" or 11" 3,000 psi Double gate Hydraulic BOP with one (1) blind ram and one (1) pipe ram and Annular Preventer; equipped with a 3,000 psi automatic choke manifold. This equipment will be tested to 2000 psi. All tests will be recorded in a Driller's Log Book. Physical operation of the BOP will be checked on each trip.

6. The Type and Characteristics of the Proposed Circulating Muds

<u>INTERVAL</u>	<u>TYPE</u>	<u>WEIGHT</u>	<u>VISCOSITY</u>
0 - 1,300'	Freshwater gel / lime	8.3 - 8.8	40 - 60
1,300' - 6,500'	Freshwater polymer	8.6 - 8.8	35 - 40

7. The Testing, Logging and Coring Programs are as followed

Testing -

DST's are planned in the Emery and Ferron formations (& possibly in the Dakota).  
Test intervals will be determined from logs.

Logging -

Surface - TD                      Gamma Ray, Density, Neutron, Porosity, Induction, Caliper

Coring --

5 cored intervals within the Emery:

1,935' - 1,995'  
2,350' - 2,410'  
2,950' - 3,110'  
3,110' - 3,170'  
3,200' - 3,260'

3 cored intervals within the Ferron:

5,600' - 5,660'  
5,710' - 5,770'  
5,840' - 5,900'

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Any Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures have been noted or reported in wells drilled in The area nor at the depths anticipated in this well. Bottom hole pressure expected is 1700 psi max. No hydrogen sulfide or other hazardous gases or fluids have been found, reported or are known to exist at these depths in the area.

8. Anticipated Starting Date and Duration of the Operations.

The well will be drilled approx.: August 2001.

Verbal and/or written notifications listed below shall be submitted in accordance with instructions from the Division of Oil, Gas & Mining:

- (a) prior to beginning construction;
- (b) prior to spudding;
- (c) prior to running any casing or BOP tests;
- (d) prior to plugging the well, for verbal plugging instructions.

Spills, blowouts, fires, leaks, accidents or other unusual occurrences shall be reported to the Division of Oil, Gas & Mining immediately.

**EXHIBIT "E"**  
**Multipoint Surface Use Plan**

Attached to UDOGM Form 3  
Prima Oil and Gas Company  
Scofield Christiansen 8-23  
SW4 NW/4, Sec. 8, T12S, R7E, SLB & M  
1972' FNL, 222' FWL  
Carbon County, Utah

**1. Existing Roads**

- a. The proposed access road will encroach the gravel-surfaced Dry Valley Road under Carbon County Maintenance in which approval is pending. The approach will be constructed consistent with Carbon County Road specifications.
- b. We do not plan to change, alter or improve upon any other existing state or county roads. Existing roads will be maintained in the same or better condition. See Exhibit "B".
- c. An existing two-track road exists from the County Road past the plugged and abandoned well site and further into the canyon. This road will be upgraded along its existing centerline for a distance of approximately 800'.

**2. Planned Access**

No new access is required (See Exhibit "B")

- a. Maximum Width: None
- b. Maximum grade: None
- c. Turnouts: None
- d. Drainage design: 2 - 18" culverts will be required along the upgraded portion of the two-track road. Water will be diverted around the road as necessary and practical.
- e. If the well is productive, the road will be surfaced and maintained as necessary to prevent soil erosion and accommodate year-round traffic.
- f. Existing trees will be left in place where practical to provide screening and buffer areas.

### **3. Location of Existing Wells**

- a. See Exhibit "B". There are no proposed and one existing well within a one mile radius of the proposed location.

### **4. Location of Existing and/or Proposed Facilities**

- a. If the well is a producer, installation of production facilities will be as shown on Exhibit "H".
- b. Rehabilitation of all pad areas not used for production facilities will be made in accordance with landowner stipulations.

### **5. Location and Type of Water Supply**

- a. Water to be used for drilling will be obtained from a local water source either Scofield Town (by well) or Price River Water Improvement District (a local source of municipal water) in which an agreement to purchase the water is still under negotiation.
- b. Water will be transported by truck over approved access roads.
- c. No water well is to be drilled for this location.

### **6. Source of Construction Materials**

- a. Any necessary construction materials needed will be obtained locally from a private source and hauled to the location on existing roads.
- b. No construction or surfacing materials will be taken from Federal/Indian land.

### **7. Methods for handling waste disposal**

- a. As the well is expected to be air drilled, a small reserve pit will be constructed with a minimum of one-half the total depth below the original ground surface on the lowest point within the pit. The pit will be lined with a synthetic liner. Three sides of the reserve pit will be fenced within 24 hours after completion of construction and the fourth side within 24 hours after drilling operations cease with four strands of barbed wire, or woven wire topped with barbed wire to a height of not less than four feet. The fence will be kept in good repair while the pit is drying.

- b. Following drilling, the liquid waste will be evaporated from the pit and the pit backfilled and returned to natural grade. No liquid hydrocarbons will be discharged to the reserve pit or location.
- c. In the event fluids are produced, any oil will be retained in tanks until sold and any water produced will be retained until its quality can be determined. The quality and quantity of the water will determine the method of disposal.
- d. Trash will be contained in a portable metal container and will be hauled from location periodically and disposed of at an approved disposal site. Chemical toilets will be placed on location and sewage will be disposed of at an appropriate disposal site.

## **8. Ancillary Facilities**

- a. We anticipate no need for ancillary facilities with the exception of trailers to be located on the drill site.

## **9. Well-site Layout**

- a. Available topsoil will be removed from the location and stockpiled. Location of the rig, reserve and blooie pits, and drilling support equipment will be located as shown on Attachment "C".
- b. A blooie pit will be located 100' from the drill hole. A line will be placed on the surface from the center hole to the blooie pit. The blooie pit will not be lined, but will be fenced on four sides to protect livestock/wildlife.
- c. Access to the well pad will be as shown on Exhibit "B".
- d. Natural runoff will be diverted around the well pad.

## **10. Plans for Restoration of Surface**

- a. All surface areas not required for producing operations will be graded to as near original condition as possible and contoured to maintain possible erosion to a minimum.
- b. Available topsoil will be stockpiled and will be evenly distributed over the disturbed areas and the area will be reseeded as prescribed by the landowner.
- c. Pits and any other area that would present a hazard to wildlife or livestock will be fenced off when the rig is released and removed.

- d. Any oil accumulation on the pit will be removed or overhead flagged as dictated by then existed conditions.
- e. Rehabilitation will commence following completion of the well. Rat and mouse holes will be filled immediately upon release of the drilling rig from the location. If the well-site is to be abandoned, all disturbed areas will be recontoured to the natural contour as is possible.

#### **11. Surface Ownership**

- a. The well-site and access road will be constructed on lands owned by Scofield Estates; Jared Brown and Mike Kendal, 3625 South Harrison Blvd. Ogden, Utah 84403; 1-801-629-3002. The operator shall contact the landowner and the Division of Oil, Gas and Mining 48 hours prior to beginning construction activities.

#### **12. Other Information:**

- a. The primary surface use is wildlife habitat and grazing. The nearest dwelling is approximately 1.2 miles northeast. Nearest live water is unnamed creek 1,400' east.
- b. If there is snow on the ground when construction begins, it will be removed before the soil is disturbed, and piled downhill from the topsoil stockpile location.
- c. The back-slope and fore-slope will be constructed no steeper than 4:1.
- d. All equipment and vehicles will be confined to the access road and well pad.
- e. A complete copy of the approved Application for Permit to Drill (APD) including conditions and stipulations shall be on the well-site during construction and drilling operations.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the Division of Oil, Gas & Mining.

**13. Company Representative**

Cindi Danner, Landman  
Prima Oil and Gas, Company  
1099 18<sup>th</sup> Street, Suite 400  
Denver, Colorado 80202  
1-303-297-2300

**Permitting Consultant**

Don Hamilton  
Environ. Man. / Proj. Coord.  
Talon Resources, Inc.  
375 South Carbon Ave. (A-10)  
Price, Utah 84501  
1-435-637-8781

**Excavation Contractor**

Larry Jensen  
Owner / Operator  
Nelco Construction, Inc  
758 South Fairgrounds Road  
Price, Utah 84501  
1-435-637-3495

**Mail Approved A.P.D. To:**

Company Representative

**14. Certification**

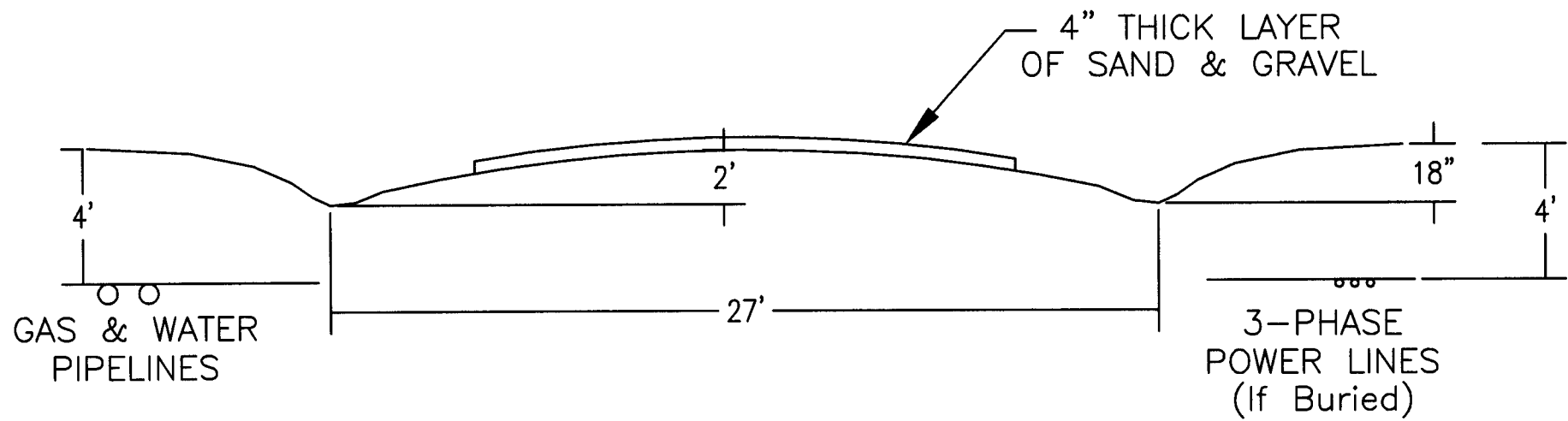
I hereby certify that I, or persons under my direct supervision have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct, and that the work associated with the operations proposed herein will be performed by Prima Oil and Gas Company and its subcontractors in conformity with this plan and the terms and conditions under which it is approved.

July 25, 2001  
Date

Don S. Hamilton  
Don S. Hamilton  
Environmental Manager / Project Coord.  
Talon Resources, Inc.

**ORIGINAL**

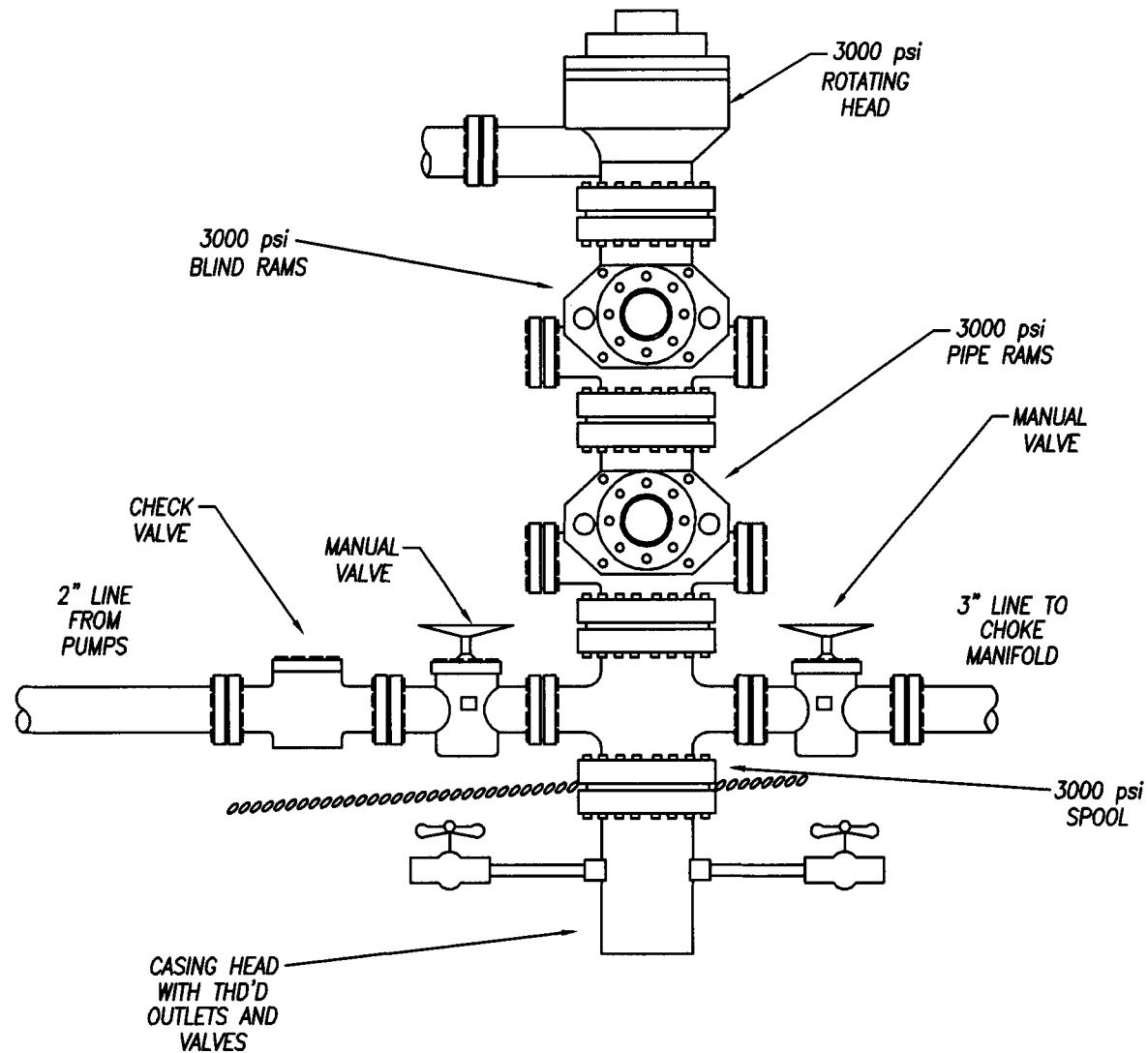
# TYPICAL ROAD CROSS-SECTION



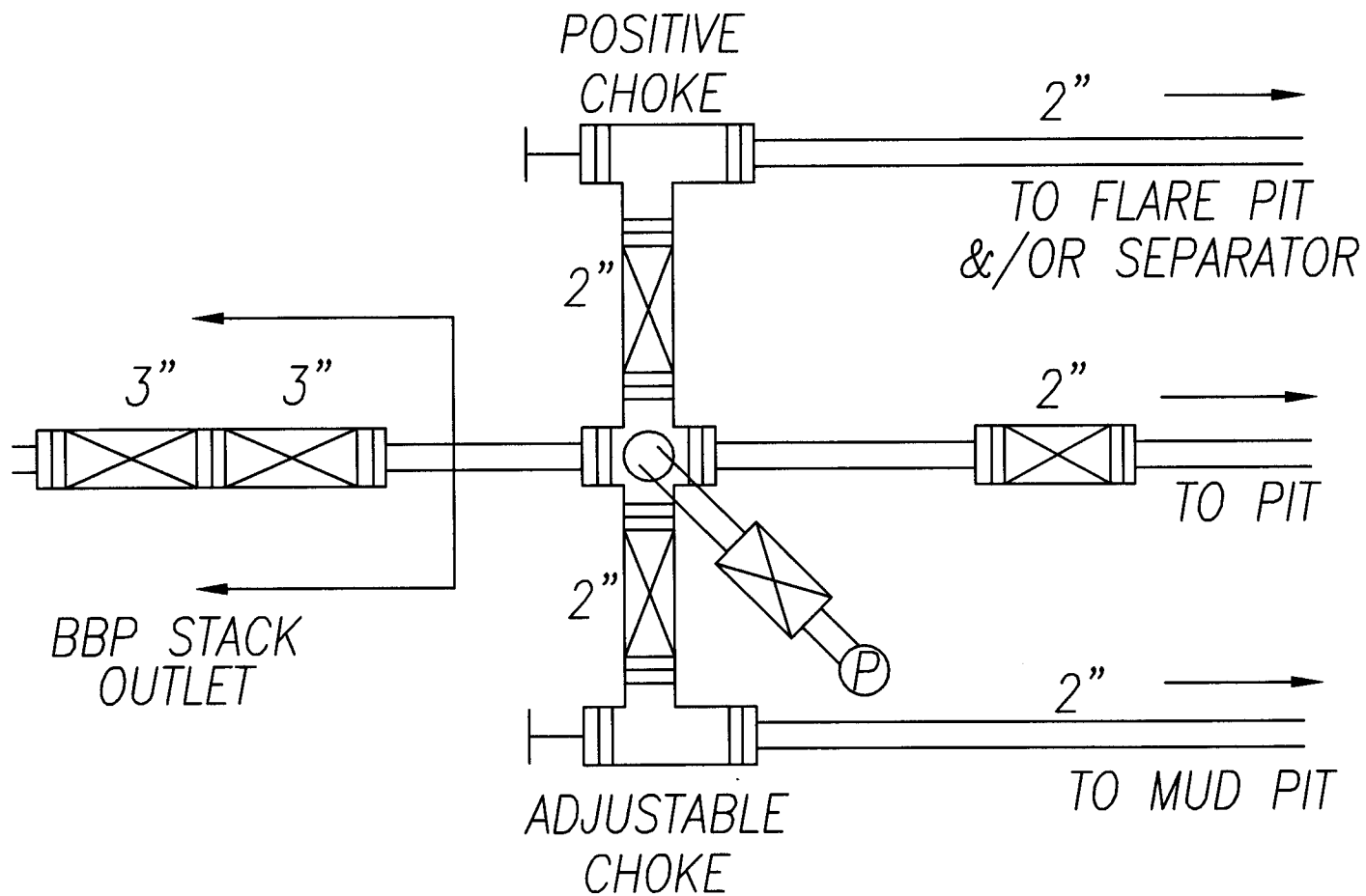


# BOP Equipment

3000psi WP

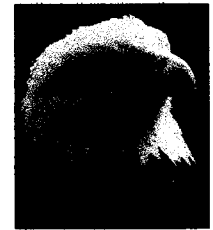
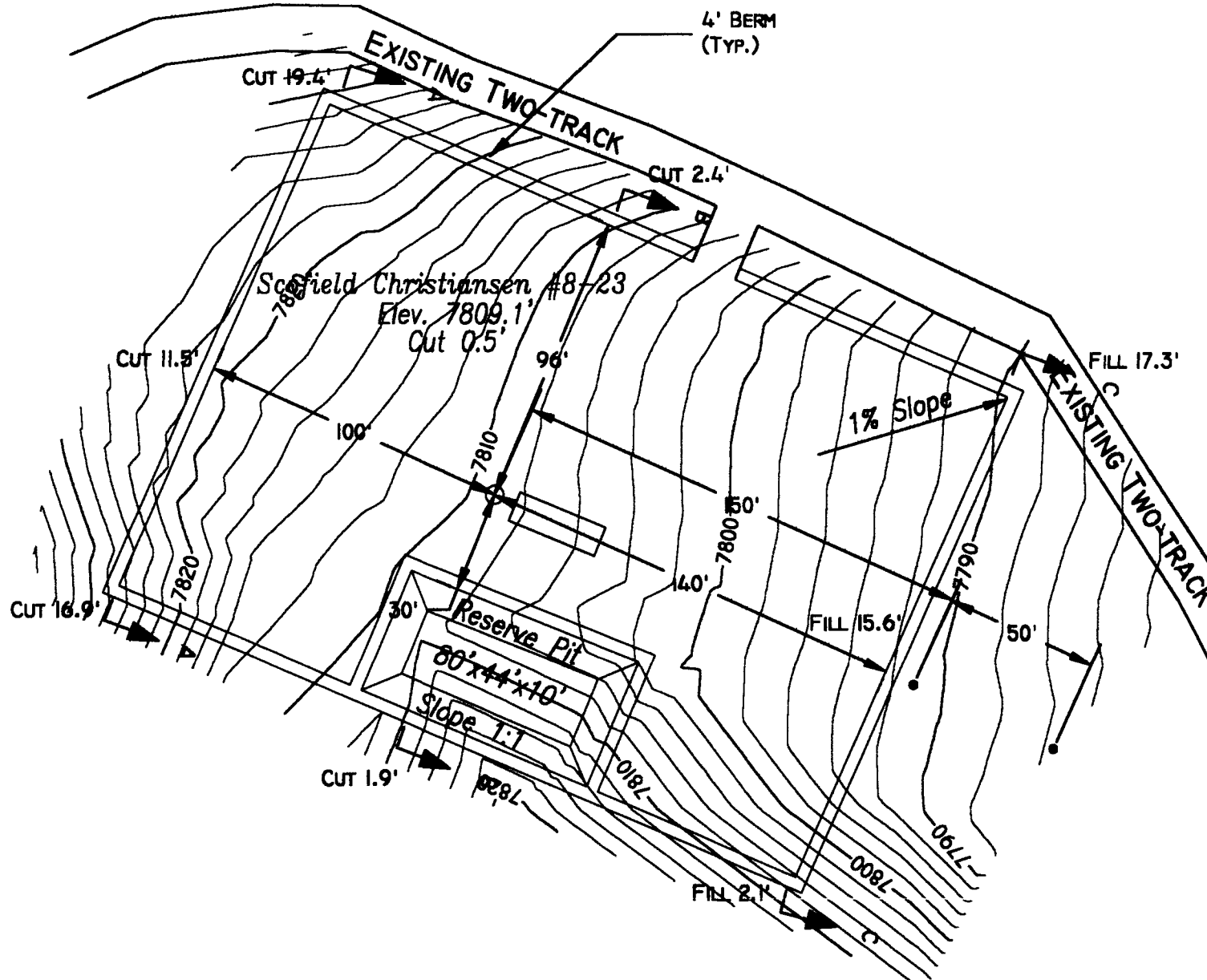


# CHOKE MANIFOLD



ELEVATION OF UNGRADED GROUND AT LOCATION STAKE = 7809.1'

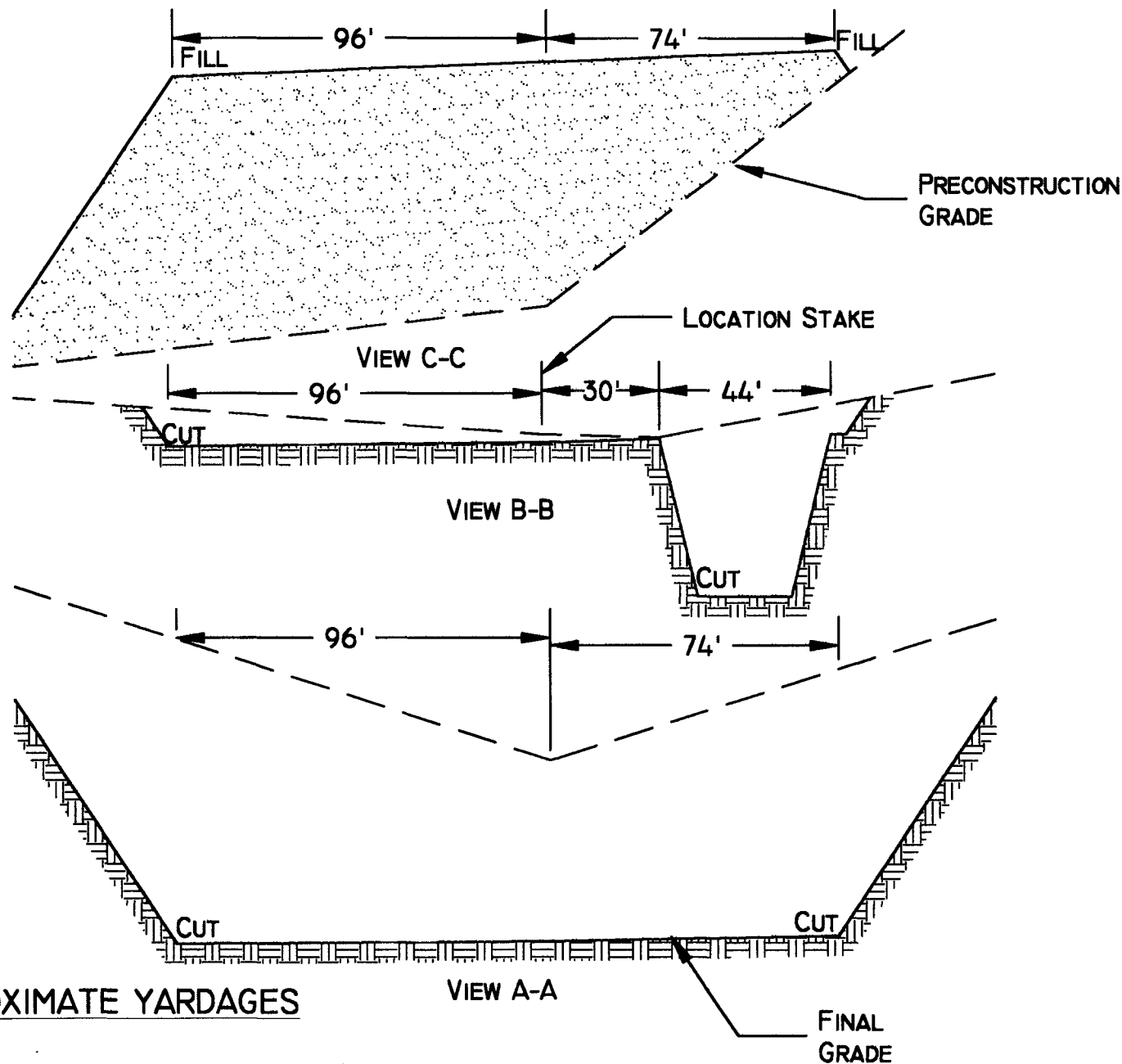
ELEVATION OF GRADED GROUND AT LOCATION STAKE = 7808.6'



**Talon Resources, Inc.**  
375 South Carbon Avenue, Suite 101  
Pioche, Utah 84501  
Ph: 435-637-8781  
Fax: 435-636-8803

**Prima Oil & Gas Company**  
**LOCATION LAYOUT**  
Section 8, T12S, R7E, S.L.B.&M.  
Scofield Christiansen #8-23

Drawn By: M. MOON	Checked By: L.W.J.
Drawing No. A-2	Date: 07/18/01
	Scale: 1" = 50'
Sheet 2 of 4	Job No. 362



$1" = 10'$   
 X-Section  
 Scale  
 $1" = 40'$

SLOPE = 1 1/2 : 1  
 (EXCEPT PIT)  
 PIT SLOPE = 1 : 1



**Talon Resources, Inc.**  
 375 South Carbon Avenue, Suite 101  
 Price, Utah 84501  
 Ph: 435-637-8781  
 Fax: 435-636-8603

**Prima Oil & Gas Company**  
 TYPICAL CROSS SECTION  
 Section 8, T12S, R7E, S.L.B.&M.  
 Scofield Christiansen #8-23

Drawn By: M. MOON	Checked By: L.W.J.
Drawing No. C-1	Date: 07/18/01
	Scale: 1" = 40'
Sheet 3 of 4	Job No. 362

# APPROXIMATE YARDAGES

CUT  
 (6") TOPSOIL STRIPPING = 750 CU. YDS.  
 REMAINING LOCATION = 7,080.6 CU, YDS.  
 TOTAL CUT = 7,730.6 CU. YDS.  
 TOTAL FILL = 5,795.3 CU. YDS.

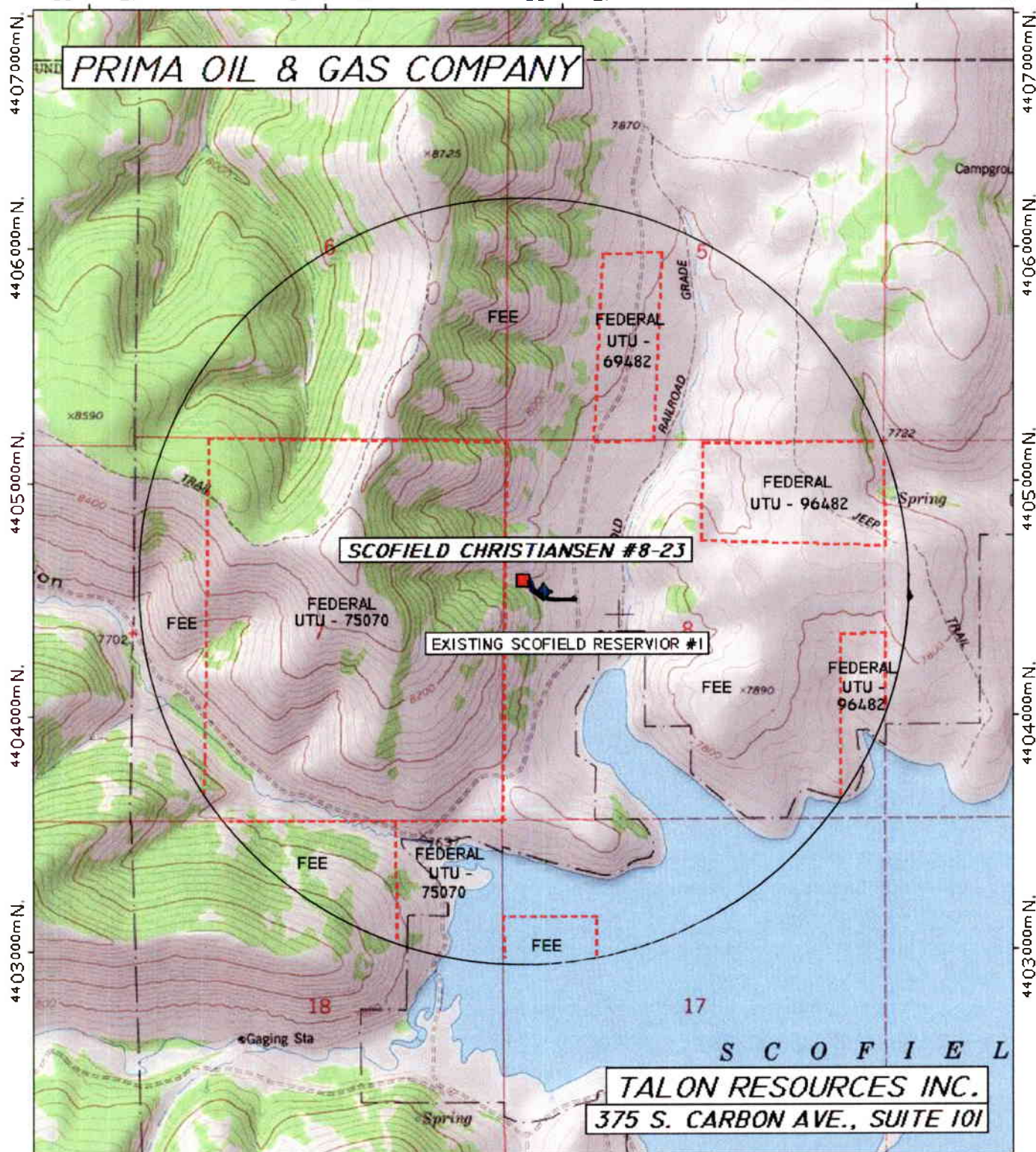
Prima Oil & Gas Company  
485500m E.

NAD27 Zone 12S 487000m E.

483500m E.

484500m E.

**PRIMA OIL & GAS COMPANY**



**SCOFIELD CHRISTIANSEN #8-23**

**EXISTING SCOFIELD RESERVOIR #1**

**TALON RESOURCES INC.**  
375 S. CARBON AVE., SUITE 101

0 1000 FEET 0 500 1000 METERS  
Printed from TOPO! ©2000 National Geographic Holdings (www.topo.com)

TN MN  
13°



**Prima Oil and Gas Company**

**Talon Resources, Inc.**

375 South Carbon Ave. (A-10)

Price, Utah 84501

435-637-8781

**Scofield Christiansen 8-23**

SCOFIELD LAKE  
STATE RECREATION AREA

**Talon Resources, Inc.**

375 S. Carbon Ave., Suite 101

39°52'00" N

39°50'00" N

39°48'00" N

39°46'00" N

39°44'00" N

39°42'00" N

39°52'00" N

39°50'00" N

39°48'00" N

39°46'00" N

39°44'00" N

39°42'00" N



# *PRIMA OIL & GAS CO.*

SCOFIELD CHRISTIANSEN #8-23  
LOCATED IN CARBON COUNTY, UTAH  
SECTION 8, T12S, R7E, S.L.B.&M.



LOOKING WEST



**Talon Resources, Inc.**  
375 South Carbon Avenue, Suite 101  
Price, Utah 84501  
Ph: 435-637-8781

LOCATION  
PHOTOS

P-1

AIR  
PACKAGE

DIESEL FUEL 26' PROPANE

8' 4' 8'

22'  
PUMP

PUMP

LIGHT PLANT

35' 8'  
TRAILER

RESERVE PIT

MUD PIT

50' 13'  
RIG

SUBST

10' 40'  
WATER TANK

BLOOIE  
PIT

PIPE RACKS

BASKET  
BASKET  
BASKET  
BASKET

PIPE RACKS

APPROXIMATE LAYOUT OF RIG & EQUIPMENT  
(Not to Scale)



**WORKSHEET**  
**APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 07/27/2001

API NO. ASSIGNED: 43-007-30788

WELL NAME: SCOFIELD CHRISTIANSEN 8-23

OPERATOR: PRIMA OIL & GAS COMPANY ( N1695 )

CONTACT: CINDI DANNER

PHONE NUMBER: 303-297-2300

PROPOSED LOCATION:

SWNW 08 120S 070E

SURFACE: 1972 FNL 0222 FWL

BOTTOM: 1972 FNL 0222 FWL

CARBON

WILDCAT ( 1 )

LEASE TYPE: 4 - Fee

LEASE NUMBER: FEE

SURFACE OWNER: 4 - Fee

PROPOSED FORMATION: FRSD

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering	DKD	9/4/01
Geology		
Surface		

RECEIVED AND/OR REVIEWED:

☒ Flat

☒ Bond: Fed[] Ind[] Sta[] Fee[4]  
(No. 04127699 )

☒ Potash (Y/N)

☒ Oil Shale 190-5 (B) or 190-3 or 190-13

☒ Water Permit

(No. MUNICIPAL )

☒ RDCC Review (Y/N)  
(Date: Comments due 8-16-01.)

☒ Fee Surf Agreement (Y/N)

LOCATION AND SITING:

\_\_\_ R649-2-3. Unit \_\_\_

\_\_\_ R649-3-2. General

☒ Siting: 460 From Qtr/Qtr & 920' Between Wells

☒ R649-3-3. Exception:

\_\_\_ Drilling Unit

Board Cause No: \_\_\_

Eff Date: \_\_\_

Siting: \_\_\_

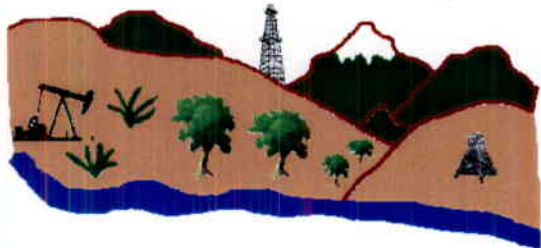
\_\_\_ R649-3-11. Directional Drill

COMMENTS:

Need Presite. (8-21-01)

STIPULATIONS:

① STATEMENT OF BASIS



Utah Oil Gas and Mining

OPERATOR: PRIMA OIL AND GAS (N1695)

SEC. 8, T12S, R7E

FIELD: WILDCAT (001)

COUNTY: CARBON SPACING: R649-3-3/EX LOC

T12S R7E

6

5

4

SCOFIELD CHRISTIANSEN 8-23



SCOFIELD RESERVOIR 1

7

8

9

18

17

16

# -01 Prima Scofield Christian 8-23

## Casing Schematic

Surface

StarPoint

TOC @  
0.

TOC @  
0.

500'  
upper Blue Gate

w/178 wiskout

Energy  
9-5/8"  
MW 8.8  
Frac 19.3

Surface  
1300. MD

BOP

BHP

$$(0.052)(8.8)(6500) = 2974 \text{ psi}$$

Expected = 1700 psi max

Gas

$$(0.12)(6500) = 780 \text{ psi}$$

MASP = 2194 psi

3350'  
Lower Blue Gate

w/158 wiskout

3M STRA proposed

Adequate DRO 8/4/01

Ferron  
7"  
MW 8.8

Production  
5400. MD

5250'  
Turnout  
6200'  
Bakata

6500

Well name:	<b>09-01 Prima Scofield Christiansen 8-23</b>	
Operator:	<b>Prima Oil &amp; Gas Company</b>	
String type:	<b>Surface</b>	Project ID: 43-007-30788
Location:	<b>Carbon County</b>	

**Design parameters:**
**Collapse**

Mud weight: 8.800 ppg  
Design is based on evacuated pipe.

**Minimum design factors:**
**Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**

H2S considered? No  
Surface temperature: 65 °F  
Bottom hole temperature: 83 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 200 ft

Cement top: Surface

**Burst**

Max anticipated surface pressure: 0 psi  
Internal gradient: 0.457 psi/ft  
Calculated BHP 594 psi

No backup mud specified.

**Tension:**

8 Round STC: 1.80 (J)  
8 Round LTC: 1.80 (J)  
Buttress: 1.60 (J)  
Premium: 1.50 (J)  
Body yield: 1.50 (B)

Tension is based on air weight.  
Neutral point: 1,131 ft

Non-directional string.

**Re subsequent strings:**

Next setting depth: 5,400 ft  
Next mud weight: 8.800 ppg  
Next setting BHP: 2,469 psi  
Fracture mud wt: 19.250 ppg  
Fracture depth: 1,300 ft  
Injection pressure 1,300 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	1300	9.625	36.00	J-55	ST&C	1300	1300	8.796	92.6
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	594	2020	3.40	594	3520	5.92	47	394	8.42 J

Prepared by: Dustin Doucet  
Utah Dept. of Natural Resources

Phone: 801-538-5281  
FAX: 801-359-3940

Date: September 4, 2001  
Salt Lake City, Utah

**ENGINEERING STIPULATIONS: NONE**

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.  
Collapse is based on a vertical depth of 1300 ft, a mud weight of 8.8 ppg The casing is considered to be evacuated for collapse purposes.  
Burst strength is not adjusted for tension.

*Engineering responsibility for use of this design will be that of the purchaser.*

Well name:	<b>09-01 Prima Scofield Christiansen 8-23</b>	
Operator:	<b>Prima Oil &amp; Gas Company</b>	
String type:	Production	Project ID: 43-007-30788
Location:	Carbon County	

**Design parameters:**

**Collapse**

Mud weight: 8.800 ppg  
Design is based on evacuated pipe.

**Minimum design factors:**

**Collapse:**

Design factor 1.125

**Environment:**

H2S considered? No  
Surface temperature: 65 °F  
Bottom hole temperature: 141 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 368 ft

**Burst:**

Design factor 1.00

Cement top: Surface

**Burst**

Max anticipated surface pressure: 0 psi  
Internal gradient: 0.457 psi/ft  
Calculated BHP 2,468 psi

No backup mud specified.

**Tension:**

8 Round STC: 1.80 (J)  
8 Round LTC: 1.80 (J)  
Buttress: 1.60 (J)  
Premium: 1.50 (J)  
Body yield: 1.50 (B)

Non-directional string.

Tension is based on air weight.

Neutral point: 4,685 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	5400	7	23.00	J-55	ST&C	5400	5400	6.25	249.6
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	2468	3270	1.32	2468	4360	1.77	124	284	2.29 J

Prepared by: Dustin Doucet  
Utah Dept. of Natural Resources

Phone: 801-538-5281  
FAX: 801-359-3940

Date: September 4, 2001  
Salt Lake City, Utah

**ENGINEERING STIPULATIONS: NONE**

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.  
Collapse is based on a vertical depth of 5400 ft, a mud weight of 8.8 ppg. The casing is considered to be evacuated for collapse purposes.  
Burst strength is not adjusted for tension.

*Engineering responsibility for use of this design will be that of the purchaser.*

## **DIVISION OF OIL, GAS AND MINING**

### **APPLICATION FOR PERMIT TO DRILL**

#### **STATEMENT OF BASIS**

**Operator Name:** Prima Oil and Gas Company

**Name & Number:** Scofield Christiansen 8-23

**API Number:** 43-007-30788

**Location:** 1/4, 1/4 SWNW Sec. 8 T. 12S R. 7E

#### **Geology/Ground Water:**

The location is on the east side of a horst block splinter about 750' west of a major north – south trending normal fault, which bounds the west side of the graben depression containing Scofield Reservoir. A thin organic rich but rather permeable sandy and silty soil is developed on the slopes around the location. The soil is thicker in the draw accommodating the location. The strata exposed at the surface are part of the upper Blackhawk Formation. Several sands are described lower in that formation. In addition, other well developed, named sandstones of member status are the Star Point and Emery Sandstones. These sundry permeable and potentially fractured sandstones are very likely to contain high quality ground water resources and should be protected by a carefully engineered surface casing program in conjunction with benign drilling fluid systems. The two last named sandstones are likely to be particularly well developed in this area. Wireline logs, from the nearby P&A'd location (4300730056 – about 460' east), present a regular sequence of variously thick Cretaceous sandstones until the lower portion of the Blue Gate Member of the Mancos Shale is encountered at about 3,300'. The surface casing and drilling fluid programs proposed by the operator should meet these criteria.

**Reviewer:** Christopher J. Kierst

**Date:** 8/29/01

#### **Surface:**

The nearest moving surface waters are ~1400' east in unnamed creek. Three shallow water wells exist within a mile of the location and all are southwest to south-southwest. Other water rights within a mile are found on several springs and on Pondtown Creek. Scofield Reservoir is located ~2000' SE of proposed site and the location drains toward the reservoir. Precipitation will be deflected around the location with berms and culverts. The site was characterized and photographed on 8/21/2001. Provisions were made to ensure site rehabilitation, litter and waste control, preservation of drainage patterns and the integrity of local infrastructure, groundwater and other resources.

**Reviewer:** Mark L. Jones **Date:** August 27, 2001

#### **Conditions of Approval/Application for Permit to Drill:**

- 1) Culverts sufficient to manage expected runoff, standing and surface water in crossed drainages.
- 2) Diversion of runoff around and off the location with armored ditching following the access road with water turnouts in appropriate places.
- 3) Berm location and pit.
- 4) A synthetic liner with a minimum thickness of 12 mils shall be properly installed and maintained in the reserve pit..

ON-SITE PREDRILL EVALUATION

Division of Oil, Gas and Mining

OPERATOR: Prima Oil and Gas Company

WELL NAME & NUMBER: Scofield Christiansen 8-23

API NUMBER: 43-007-30788

LEASE: FEE FIELD/UNIT: Wildcat  
LOCATION: 1/4, 1/4 SWNW Sec: 8 TWP: 12S RNG: 7E 1972' FNL 222' FWL

LEGAL WELL SITING:      From a Unit Boundary and/or uncommitted tracts.

GPS COORD (UTM): X = 507,939; Y = 4,375,310 (UTM from surveyor)  
X = 485,309; Y = 4,404,577 (Magellan field reading)

SURFACE OWNER: Scofield Estates; Jared Brown and Mike Kendal

PARTICIPANTS

M. Jones and C. Kierst (DOGM), Don Hamilton and Allen Childs Talon), Neil Frandsen (NELCO). Jared Brown was notified but did not attend the onsite.

REGIONAL/LOCAL SETTING & TOPOGRAPHY

The proposed location is ~4.5 miles North of Scofield, Utah. An old well which is PA is located ~400' E of proposed location at GPS coordinates X= 4404557 Y= 485442 (UTM). Terrain slopes toward county maintained road and a flowing (unidentified) creek ~1400' to the East which is a tributary to Scofield Reservoir ~2000' SE of proposed location site. Site is at the mouth of a small canyon running East/West from a mountain range running North and South.

SURFACE USE PLAN

CURRENT SURFACE USE: Wildlife habitat and grazing

PROPOSED SURFACE DISTURBANCE 240' X 170' pad included within will be a 80' X 44' X 10' pit. Access road (~800') will be along existing two-track and will be upgraded using the existing centerline.

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: 1 PA well ~400' SE of proposed well.

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: N/A

SOURCE OF CONSTRUCTION MATERIAL: Any necessary construction materials needed will be obtained locally from a private source.

ANCILLARY FACILITIES: N/A

WASTE MANAGEMENT PLAN:

Portable chemical toilets, which will be emptied into the municipal waste treatment system; garbage cans on location will be emptied into dumpsters and eventually emptied in approved landfill. Drilling fluid, completion/frac fluid and cuttings will be buried in the pit after evaporation and slashing the pit liner. Used oil from drilling and support operations will be hauled to a used oil recycler.

ENVIRONMENTAL PARAMETERS

AFFECTED FLOODPLAINS AND/OR WETLANDS: Unnamed creek is ~1400 E of proposed site. Scofield Reservoir is located ~2000' SE of proposed site.

FLORA/FAUNA: Sagebrush, native grasses, quaking aspen, pine trees, elk, deer, rodents, and other wildlife and birds.

SOIL TYPE AND CHARACTERISTICS: Moderately permeable clay loam

SURFACE FORMATION & CHARACTERISTICS: Location will be built mostly on alluvium in a small drainage. Two lobes on North and South of location showing Starpoint sandstone outcroppings.

EROSION/SEDIMENTATION/STABILITY: stable.

PALEONTOLOGICAL POTENTIAL: None observed.

RESERVE PIT

CHARACTERISTICS: Dugout, earthen pit, as above.

LINER REQUIREMENTS (Site Ranking Form attached): Synthetic liner.

SURFACE RESTORATION/RECLAMATION PLAN

As per landowners stipulations.

SURFACE AGREEMENT: YES?

CULTURAL RESOURCES/ARCHAEOLOGY: None required by landowner.

OTHER OBSERVATIONS/COMMENTS

ATTACHMENTS:

4 photos taken.

Mark L. Jones  
DOGM REPRESENTATIVE

8/21/2001 / 10:45 a.m.  
DATE/TIME



**Evaluation Ranking Criteria and Ranking Score  
For Reserve and Onsite Pit Liner Requirements**

<u>Site-Specific Factors</u>	<u>Ranking</u>	<u>Site Ranking</u>
Distance to Groundwater (feet)		
>200	0	
100 to 200	5	
75 to 100	10	
25 to 75	15	
<25 or recharge area	20	<u>5</u>
Distance to Surf. Water (feet)		
>1000	0	
300 to 1000	2	
200 to 300	10	
100 to 200	15	
< 100	20	<u>2</u>
Distance to Nearest Municipal Well (feet)		
>5280	0	
1320 to 5280	5	
500 to 1320	10	
<500	20	<u>0</u>
Distance to Other Wells (feet)		
>1320	0	
300 to 1320	10	
<300	20	<u>10</u>
Native Soil Type		
Low permeability	0	
Mod. permeability	10	
High permeability	20	<u>10</u>
Fluid Type		
Air/mist	0	
Fresh Water	5	
TDS >5000 and <10000	10	
TDS >10000 or Oil Base Mud Fluid	15	
containing significant levels of hazardous constituents	20	<u>5</u>
Drill Cuttings		
Normal Rock	0	
Salt or detrimental	10	<u>0</u>
Annual Precipitation (inches)		
<10	0	
10 to 20	5	
>20	10	<u>5</u>
Affected Populations		
<10	0	
10 to 30	6	
30 to 50	8	
>50	10	<u>0</u>
Presence of Nearby Utility Conduits		
Not Present	0	
Unknown	10	
Present	15	<u>0</u>

**Final Score**      37      (Level I Sensitivity)

Sensitivity Level I = 20 or more total containment is required.  
Sensitivity Level II = 15-19 lining is discretionary.  
Sensitivity Level III = below 15 no specific lining is required.

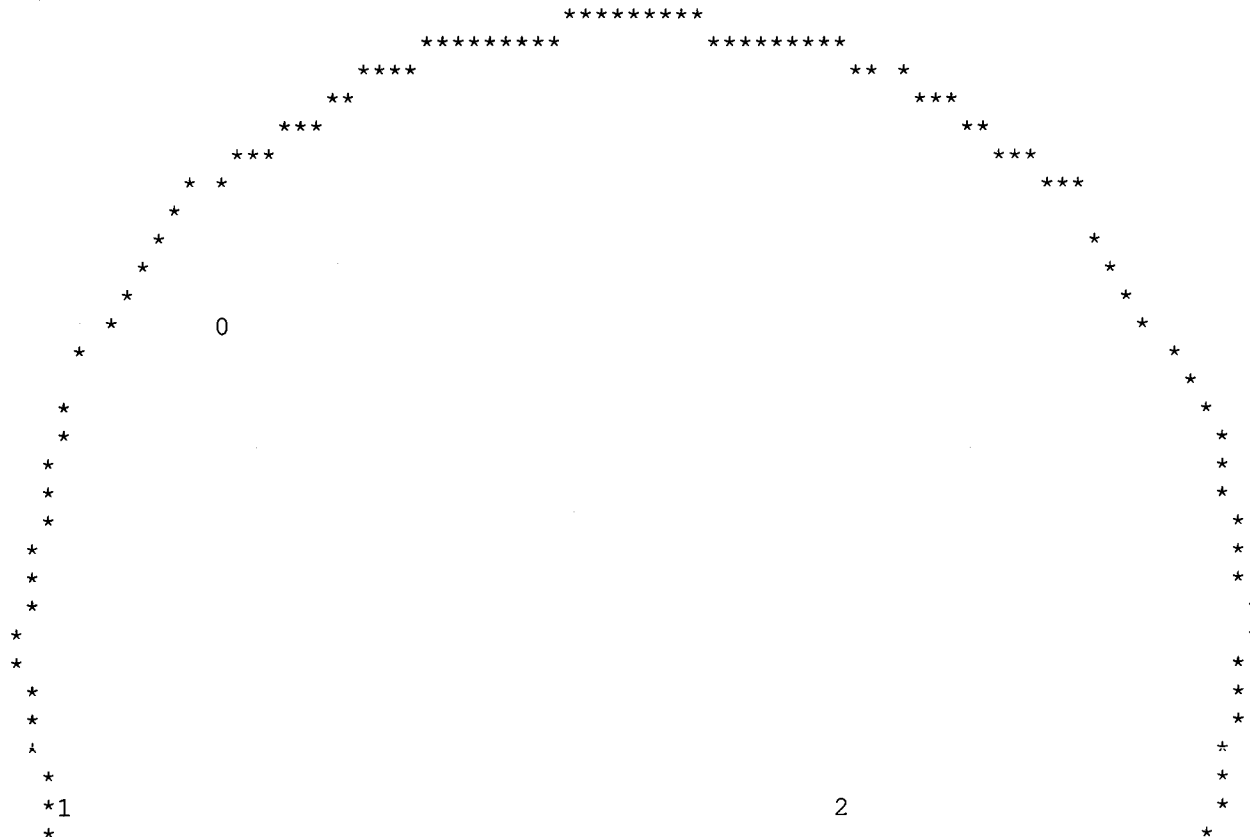


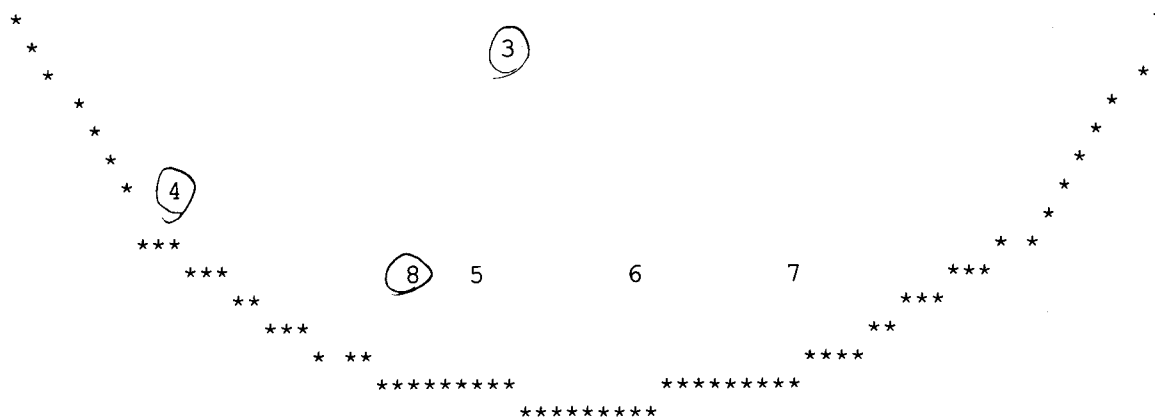




PLOT OF AN AREA WITH A RADIUS OF 5280 FEET FROM A POINT  
S 1972 FEET, E 222 FEET OF THE NW CORNER,  
SECTION 8 TOWNSHIP 12S RANGE 7E SL BASE AND MERIDIAN

N O R T H





UTAH DIVISION OF WATER RIGHTS  
NWPLAT POINT OF DIVERSION LOCATION PROGRAM

MAP CHAR	WATER RIGHT	QUANTITY CFS	AND/OR AC-FT	SOURCE DESCRIPTION or WELL INFO DIAMETER DEPTH YEAR LOG NORTH EAST	POINT OF DIVERSION DESCRIPTION CNR SEC TWN RNG B&M
0	51 3728	.0110	.00	Spring	
	WATER USE(S): DOMESTIC Christensen, R. H.				PRIORITY DATE: 00/00/18 Fairview
1	91 2247	.0000	.00	Pontown Creek	
	WATER USE(S): STOCKWATERING Christensen, R. H.				PRIORITY DATE: 00/00/18 Fairview
2	91 3568	.0220	.00	Spring Stream	
	WATER USE(S): DOMESTIC STOCKWATERING Christensen, R. H.				PRIORITY DATE: 00/00/18
2	91 3568	.0220	.00	Spring Stream	
	WATER USE(S): DOMESTIC STOCKWATERING Christensen, R. H.				PRIORITY DATE: 00/00/18

water well

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL ☐ GAS ☒ OTHER:

2. Name of Operator:

Prima Oil and Gas Company

3. Address and Telephone Number:

1099 18th St. Ste 400, Denver, CO 80202 1-303-297-2300

4. Location of Well

Footages:

1972' FNL, 222' FWL

QQ, Sec., T., R., M.:

SW/4 NW/4, Section 8, T12S, R7E, SLB&M

5. Lease Designation and Serial Number:

Fee

6. If Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

N/A

8. Well Name and Number:

Scofield Christiansen 8-23

9. API Well Number:

10. Field or Pool, or Wildcat:

Wildcat

County: Carbon

State: Utah

### 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

#### NOTICE OF INTENT (Submit in Duplicate)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandon                   | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing             | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans           | <input type="checkbox"/> Recomplete           |
| <input type="checkbox"/> Convert to Injection      | <input type="checkbox"/> Reperforate          |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion       | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other _____               |   |
- Approximate date work will start \_\_\_\_\_

#### SUBSEQUENT REPORT (Submit Original Form Only)

- |   |   |
|---|---|
| <input type="checkbox"/> Abandon *  | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing  | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans  | <input type="checkbox"/> Reperforate          |
| <input type="checkbox"/> Convert to Injection   | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat or Acidize                                      | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> Other <u>Request for Exception to State Spacing</u> |   |
- Date of work completion \_\_\_\_\_

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

\* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

**Request for exception to spacing (state spacing rules) based on topography.**

**The well is located within 460' of the drilling unit boundary. The offset lease-hold operator, Advantage Resources, Inc., has provided consent to the Exception Location which has been attached to this application for your review as Exhibit "I".**

RECEIVED

JUL 27 2001

DIVISION OF  
OIL, GAS AND MINING

13.

Name & Signature:

Cynthia A. Danner

Cindi Danner, CPL

Title: Landman

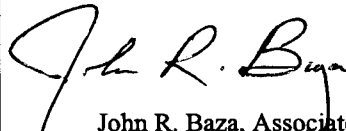
Date:

7-24-01

(This space for state use only)

ORIGINAL

**STATE ACTIONS**  
**State Clearinghouse Coordinator**  
**116 State Capitol, SLC, UT 84114**  
**538-1535**

<b>1. Administering State Agency</b> Oil, Gas and Mining 1594 West North Temple, Suite 1210 Salt Lake City, UT 84114-5801	<b>2. State Application Identifier Number: (assigned by State Clearinghouse)</b>  <b>3. Approximate date project will start:</b> Upon Approval
<b>4. Areawide clearinghouse(s) receiving state action: (to be sent out by agency in block 1)</b>  Southeastern Utah Association of Governments	
<b>5. Type of action:</b> // Lease    /X/ Permit    // License    // Land Acquisition  // Land Sale    // Land Exchange    // Other _____	
<b>6. Title of proposed action:</b>  Application for Permit to Drill	
<b>7. Description:</b>  Prima Oil & Gas Company proposes to drill the Scofield Christiansen 8-23 well (wildcat) on a Fee lease, Carbon County, Utah. This action is being presented to the RDCC for consideration of resource issues affecting state interests. The Division of Oil, Gas and Mining is the primary administrative agency in this action and must issue approval before operations commence.	
<b>8. Land affected (site location map required) (indicate county)</b>  SW/4, NW/4, Section 8, Township 12 South, Range 7 East, Carbon County, Utah	
<b>9. Has the local government(s) been contacted?</b>  No	
<b>10. Possible significant impacts likely to occur:</b>  Degree of impact is based on the discovery of oil or gas in commercial quantities.	
<b>11. Name and phone of district representative from your agency near project site, if applicable:</b>  	
<b>12. For further information, contact:</b>   <b>Lisha Cordova</b> <b>Phone: (801) 538-5296</b>	<b>13. Signature and title of authorized officer</b>   <b>John R. Baza, Associate Director</b> <b>Date: August 1, 2001</b>



STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

## APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1A. Type of Work: <b>DRILL</b> <input checked="" type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/>		5. Lease Designation and Serial Number: <b>Fee</b>
B. Type of Well: <b>OIL</b> <input type="checkbox"/> <b>GAS</b> <input checked="" type="checkbox"/> <b>OTHER:</b> <input type="checkbox"/> <b>SINGLE ZONE</b> <input checked="" type="checkbox"/> <b>MULTIPLE ZONE</b> <input type="checkbox"/>		6. If Indian, Allottee or Tribe Name: <b>N/A</b>
2. Name of Operator: <b>Prima Oil and Gas Company</b>		7. Unit Agreement Name: <b>N/A</b>
3. Address and Telephone Number: <b>1099 18th St., Ste. 400, Denver, CO 80202 1-303-297-2300</b>		8. Farm or Lease Name: <b>Scofield Christiansen</b>
4. Location of Well (Footages) At Surface: <b>1972' FNL, 222' FWL</b> At Proposed Producing Zone: <b>4404586 N</b> <b>485310 E</b>		9. Well Number: <b>8-23</b>
14. Distance in miles and direction from nearest town or post office: <b>4.5 miles north of Scofield, Utah</b>		10. Field or Pool, or Wildcat: <b>Wildcat</b>
15. Distance to nearest property or lease line (feet): <b>222'</b>	16. Number of acres in lease: <b>2963.955 acres</b>	11. Qtr/Qtr, Section, Township, Range, Meridian: <b>SW/4 NW/4, Section 8, T12S, R7E, SLB&amp;M</b>
18. Distance to nearest well, drilling, completed, or applied for, or <b>441</b>	19. Proposed Depth: <b>6500'</b>	12. County: <b>Carbon</b>
21. Elevations (show whether DF, RT, GR, etc.): <b>7809' GR</b>		13. State: <b>Utah</b>
20. Rotary or cable tools: <b>Rotary</b>		22. Approximate date work will start: <b>August 2001</b>

### PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8" J-55 ST&C	36 #	1300'	580 sacks Type II w/ 2% CaCl <sub>2</sub> ; 1.41 cu.ft./sack, 14.5 #/gal
8-1/2"	7" J-55 ST&C	23 #	5400'	Lead—295 sacks Prem. Lite II; 3.46 cu.ft./sack, 11.0 #/gal
				Tail—180 sacks Prem. Lite (High str.); 1.97 cu.ft./sack, 13.0 #/gal

DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. Name & Signature: *Cindi A. Danner* **Cindi Danner, CPL** Title: **Landman** Date: **7-24-01**  
(This space for state use only)

API Number Assigned: **43-007-30788**

Approval:

**CONFIDENTIAL****FILE COPY**

# Range 7 East

(West 5285.28')

NE CORNER  
ELEV. 7722'

1972'  
CALCULATED

222'

DRILL HOLE #8-23  
ELEVATION 7809.14'

UTM  
N - 4404586  
E - 485315

3308'

(West 5286.6')

(North 5280.0')

## Legend

- Drill Hole Location
- ⊕ Brass Cap (Found)
- Brass Cap (Searched for, but not found)
- △ Calculated Corner
- ( ) GLO
- GPS Measured

NOTES:  
1. UTM AND LATITUDE / LONGITUDE COORDINATES  
ARE DERIVED USING A GPS PATHFINDER AND ARE  
SHOWN IN NAD 27 DATUM.

LAT / LONG  
39°47'35"N  
111°10'17"W

## Location:

THE WELL LOCATION WAS DETERMINED USING A TRIMBLE 4700  
GPS SURVEY GRADE UNIT.

## Basis of Bearing:

THE BASIS OF BEARING IS GPS MEASURED.

## GLO Bearing:

THE BEARINGS INDICATED ARE PER THE RECORDED PLAT OBTAINED  
FROM THE U.S. LAND OFFICE.

## Basis of Elevation:

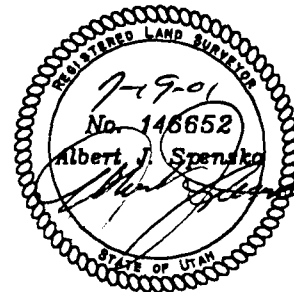
BASIS OF ELEVATION OF 7722' BEING AT THE NORTHEAST SECTION  
CORNER OF SECTION 8, TOWNSHIP 12 SOUTH, RANGE 7 EAST, SALT LAKE  
BASE AND MERIDIAN, AS SHOWN ON THE COLTON QUADRANGLE 7.5 MINUTE  
SERIES MAP.

## Description of Location:

PROPOSED DRILL HOLE LOCATED IN THE SW1/4, NW1/4 OF SECTION 8,  
T12S, R7E, S.L.B.&M., BEING 3308.0' NORTH AND 222.0' EAST  
FROM THE SOUTHWEST SECTION CORNER OF SECTION 8, T12S, R7E,  
SALT LAKE BASE & MERIDIAN.

## Surveyor's Certificate:

I, Albert J. Spensko, a Registered Professional  
Land Surveyor, holding Certificate 146652  
State of Utah, do hereby certify that the  
information on this drawing is a true and  
accurate survey based on data of record and  
was conducted under my personal direction  
and supervision as shown hereon.



**Talon Resources, Inc.**  
375 South Carbon Avenue, Suite 101  
Preston, Utah 84501  
Ph: 435-637-8781  
Fax: 435-636-8603

**Prima Oil & Gas Company**  
**Scofield Christiansen #8-23**  
Section 8, T12S, R7E, S.L.B.&M.  
Carbon County, Utah

Drawn By  
M. MOON

Checked By  
L.W.J./A.J.S.

Drawing No.  
A-1

Date:  
07/18/01

Scale:  
1" = 1000'

Job No.

GRAPHIC SCALE

0 500' 1000'

( IN FEET )

1 inch = 1000 ft.

## **TALON RESOURCES, INC.**

---

375 S. Carbon Ave. (A-10), Suite 101, Price, Utah 84501  
Phone: (435) 637-8781 (435) 650-1403 Fax: (435) 636- 8603

---

### **Fax Transmittal Cover Sheet**

**Date: 08-23-01**

**Number of pages: 4**

**Message To: Chris Kierst - DOGM**

**Telephone Number: 1-801-538-5337**

**Fax Number: 1-801-359-3940**

---

**Chris:**

**Following are updated plats reflecting changes and additions made during the August 21, 2001 onsite for the Scofield Christiansen 8-23.**

**Please contact me at your nearest convenience if you have any questions or additional changes that need to be made, or if you need a hard copy for your files.**

**Thank you,**

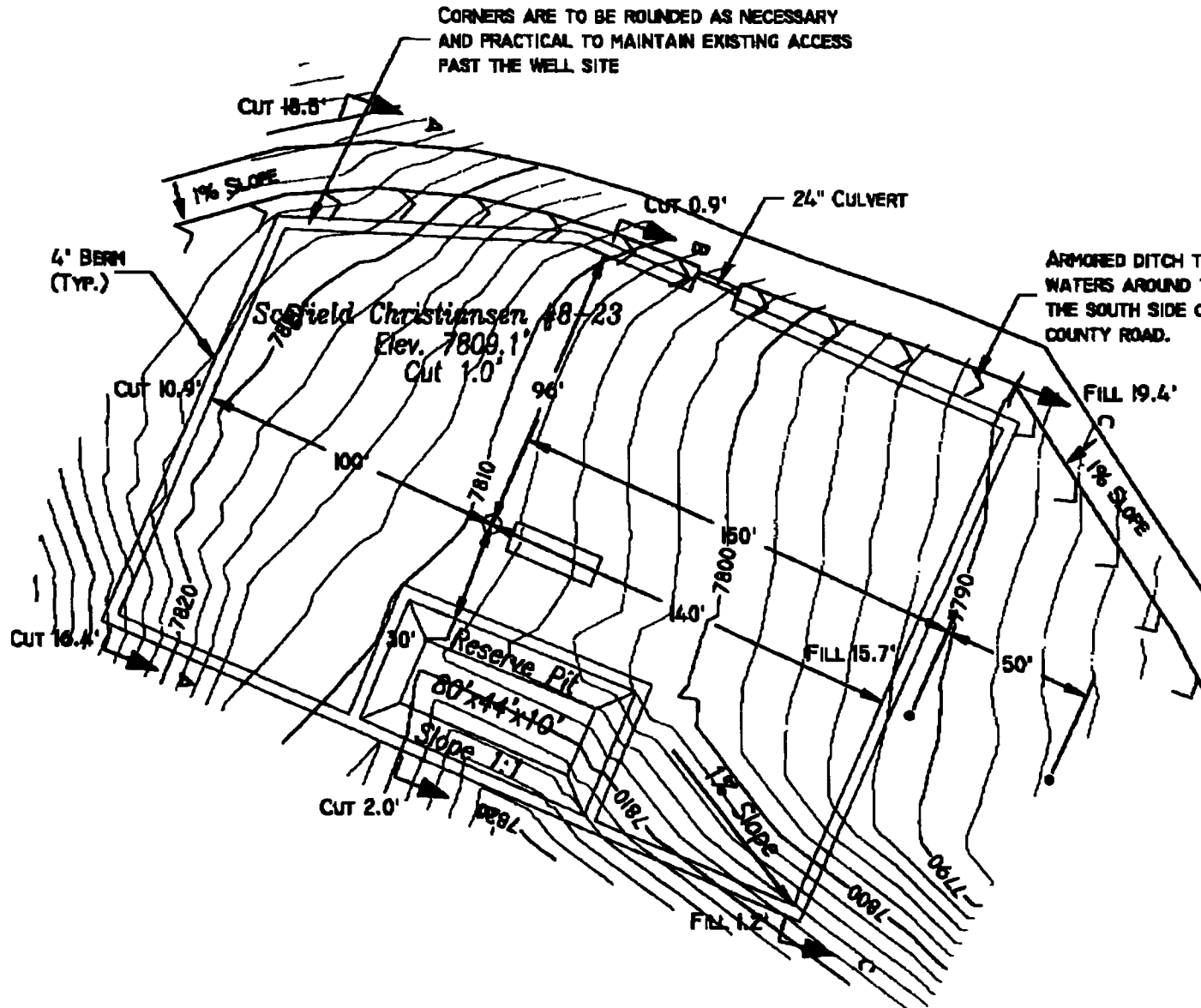
**D. Hamilton**

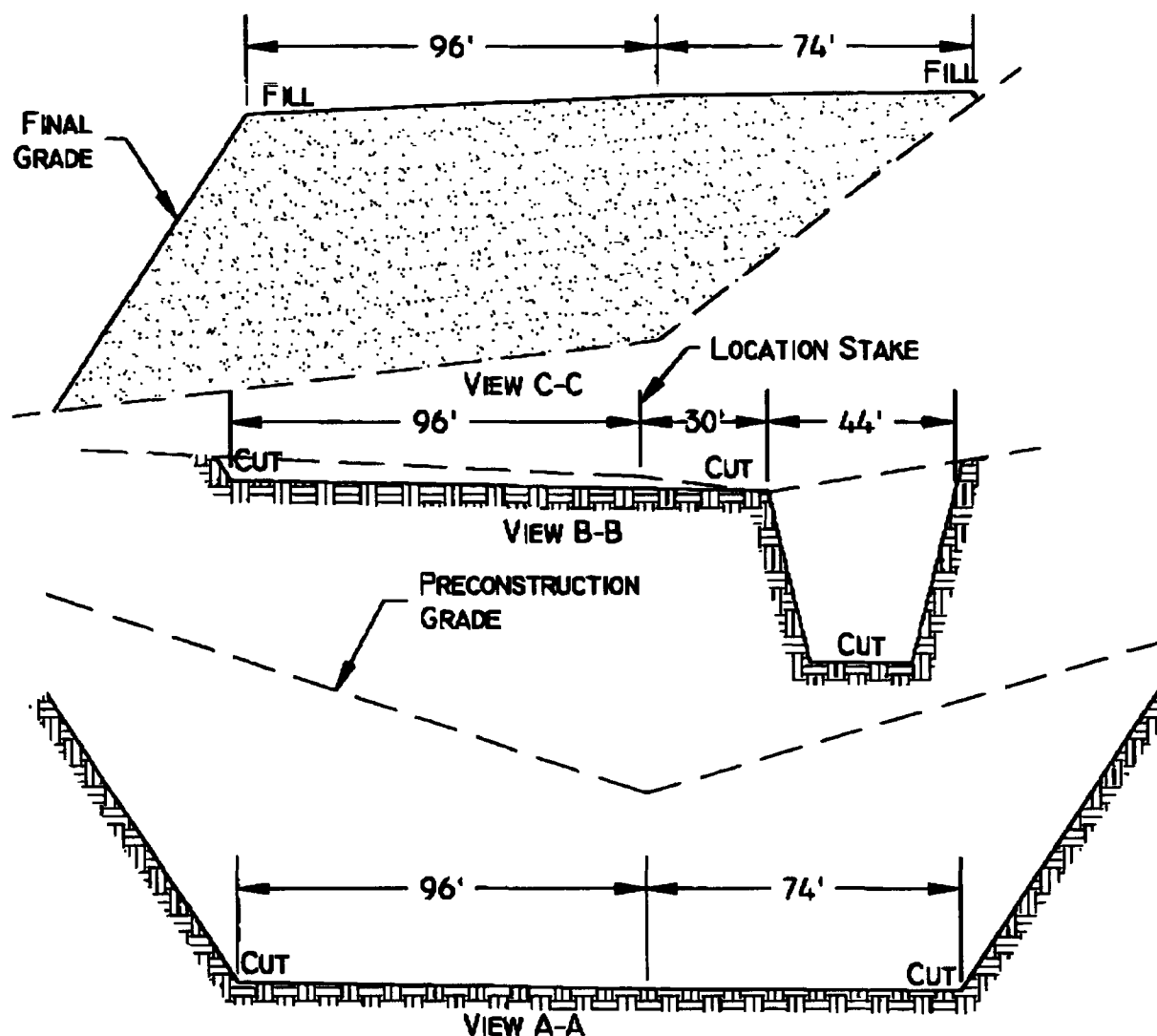
**RECEIVED**

**AUG 23 2001**

**DIVISION OF  
OIL GAS AND MINING**

ELEVATION OF UNGRADED GROUND AT LOCATION STAKE = 7809.1'  
 ELEVATION OF GRADED GROUND AT LOCATION STAKE = 7808.6'





$\frac{1''}{40'}$   
 X-Section  
 Scale  
 $\frac{1''}{10'} = 1$   
 $1'' = 40'$

SLOPE = 1 1/2 : 1  
 (EXCEPT PIT)  
 PIT SLOPE = 1 : 1



**Talon Resources, Inc.**  
 378 South Carbon Avenue, Suite 101  
 Pocatello, Utah 84301  
 PH: 435-637-8781  
 FAX: 435-636-8603

**Prima Oil & Gas Company**  
**TYPICAL CROSS SECTION**  
 Section 8, T12S, R7E, S.L.B.&M.  
 Scofield Christiansen #B-23

Drawn By <b>J. STANSFIELD</b>	Checked By <b>L.W.J.</b>
Drawing No. <b>C-1</b>	Date <b>08/22/01</b>
	Scale <b>1" = 40'</b>
Sheet <b>3</b> of <b>4</b>	Job No. <b>382</b>

# APPROXIMATE YARDAGES

CUT

6") TOPSOIL STRIPPING = 750 CU. YDS.

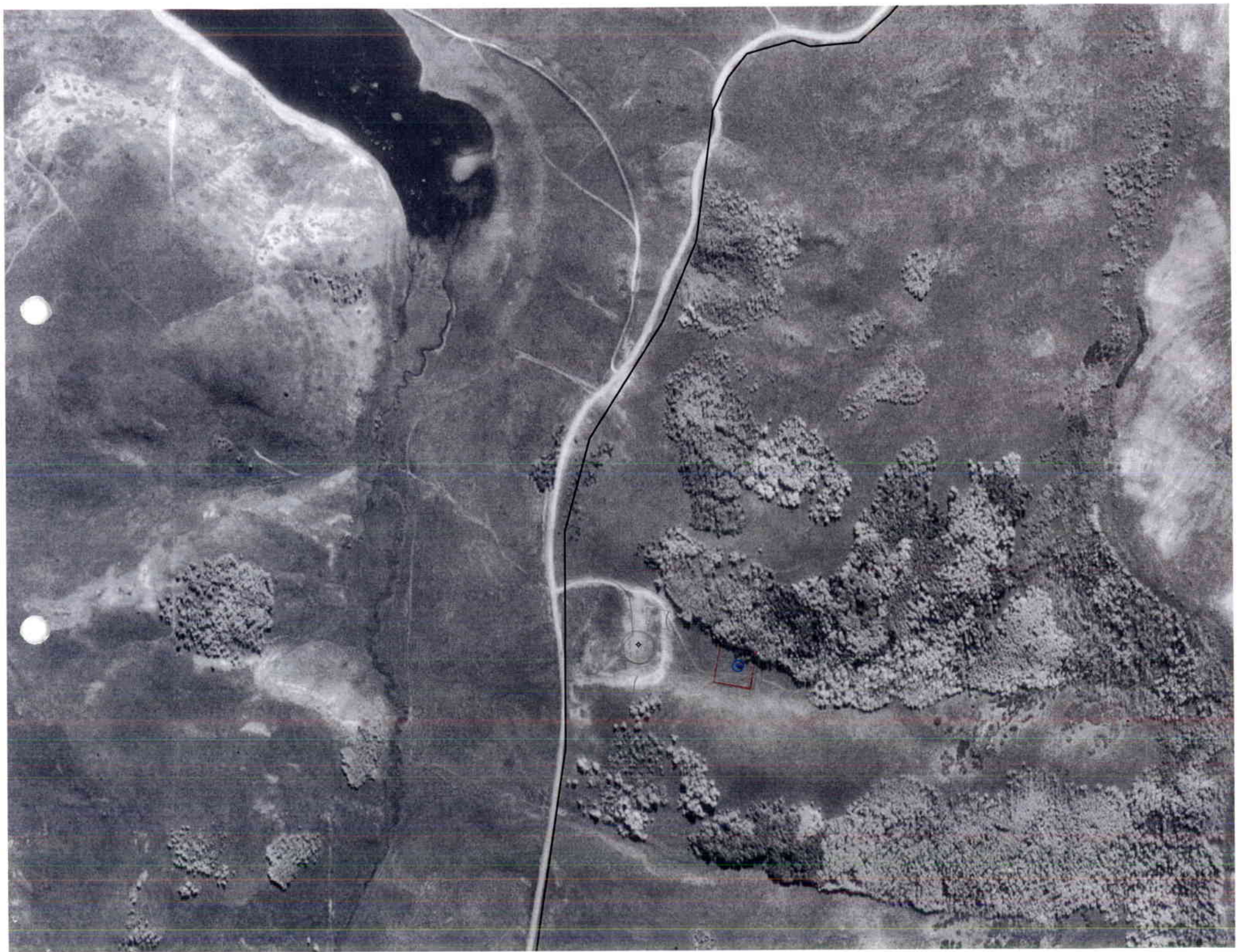
REMAINING LOCATION = 5,210 CU. YDS.

TOTAL CUT = 5,960 CU. YDS.

TOTAL FILL = 5,397 CU. YDS.







Lista;

This is the surface use agreement  
for the following well:

Prima Oil + Gas

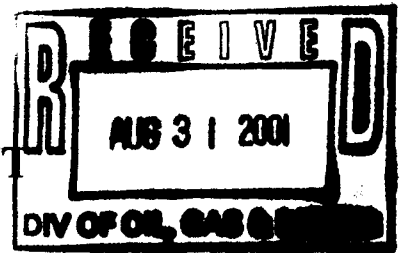
Scotfield Christensen 8-23

**RECEIVED**

**AUG 31 2001**

**DIVISION OF  
OIL, GAS AND MINING**





## SURFACE LAND USE AGREEMENT

**KNOW ALL MEN BY THESE PRESENTS, THAT:**

**WHEREAS**, Scofield Estates, LLC whose address is 3625 South Harrison Blvd., Ogden, UT 84403 (hereinafter referred to as GRANTOR, whether one or more), is the owner of the surface of the following described property located in Carbon County, Utah, to-wit:

**TOWNSHIP 12 SOUTH, RANGE 7 EAST, SLM**  
Section 8: SW1/4NW1/4

**See Exhibits "A" and "B"**

and Prima Oil & Gas Company whose address is 1099 18<sup>th</sup> Street, Suite 400, Denver, CO 80202, (hereinafter referred to as GRANTEE), owns leases covering oil, gas and mineral rights in, under and upon said property; and

**WHEREAS**, Grantee desires to build an access road, pipelines and appurtenances thereto, power lines, and a well site for the drilling of an oil, natural gas or coalbed degasification well on a portion of said property.

**NOW THEREFORE**, for and in consideration of the sum of ten dollars (\$10.00) and other valuable considerations, the receipt and sufficiency of which is hereby acknowledged, Grantor does hereby grant, sell and convey unto Grantee, its successors and assigns, the easement and right to use that portion of the herein above described property as may be necessary to conduct its drilling and production operations on said property, including the right to construct and maintain an oil, natural gas or coalbed methane gas well site; to construct, entrench, maintain, operate, replace, remove, protect, or abandon a pipeline or pipelines for water or gas with appurtenances thereto, including, but not limited to, valves, metering equipment, and cathodic equipment; to construct, maintain or cover up any pits or ponds necessary for drilling operations or water storage; to erect, maintain, relocate, replace or remove production facilities, including, but not limited to, pumps, compressors, separators, treaters, etc.; to construct, maintain, relocate, or abandon roads, and in connection therewith, a power line or power lines (said well sites, pipelines, appurtenances, valves, metering equipment, cathodic equipment, road and power lines being sometimes collectively called the "facilities") over, under and through the hereinafter described land as described in the attached Exhibits "A".

Grantor acknowledges the receipt and sufficiency of the above described consideration as payment for all damages to Grantor's trees, timber, growing crops, and other vegetation being cultivated on said land by the undersigned or their respective lessees, tenants or assigns caused by the construction, maintenance, protection, repair, placement or removal of the facilities as described in the attached exhibits and agrees that the payment and acceptance of the consideration set forth above is in full and complete payment, settlement, compromise and satisfaction of any and all of the above-mentioned losses, liabilities, claims, damages, demands and causes of action for any and all injuries and damage to the surface of the land hereinbelow described and to any appurtenances or improvements thereon, and for any and all claims including but not limited to loss of potential rental income, damages to and/or loss of livestock and wildlife, arising directly or indirectly in connection with the operations thereon by Grantee, its employees, agents, contractors, or subcontractors in connection with the above-mentioned operations of Grantee.

Grantee shall have the free right of ingress and egress to, over, upon, through and across said right-of-way and easement for any and all purposes that may be necessary or incidental to the maintenance of the right-of-way and easement, with the right to use existing roads which enter Grantor's property for the purpose of constructing, inspecting, repairing and maintaining the facilities and the removal or replacement of same at will, either in whole or in part, and the replacement of said pipeline or pipelines with either like or different size pipe. During temporary periods, Grantee may use such portions of the property along and adjacent to said right-of-way as may be necessary in connection with construction, maintenance, repair, removal or replacement of the facilities and if such use causes any damages to Grantor's lands outside of the above described right-of-way, Grantee shall pay Grantor for such damages.

Grantor reserves the right to the use and enjoyment of said property except for the purposes herein granted, but such use shall not hinder, conflict or interfere with Grantee's surface or subsurface rights hereunder or disturb its facilities. No road, reservoir, excavation, obstruction or structure shall be constructed, created or maintained on, over, along or within the lands covered by this right-of-way without Grantee's prior written consent.

If Grantee desires to remove any trees adjacent to said right-of-way at a later date which may be hazardous to the maintenance and use of the facilities on the right-of-way, Grantee shall first obtain approval from Grantor in writing, Grantor's approval not to be unreasonably withheld, and after receipt of such approval, may proceed to cut and remove such trees subject to payment of additional timber damages, if any are determined.

The undersigned hereby covenant and warrant that they are the surface owners of the above described land, and have the right to enter into this agreement.

**FOR THE SAME CONSIDERATION RECITED ABOVE**, Grantor and Grantee do hereby release, discharge and acquit the other from any and all liability, and shall indemnify the other against any and all claims and demands for damages, attorneys fees, injury or loss, existing now or done hereafter, to the surface of said lands or to any third parties arising out of or being the result of their or, their agents, contractors, licensees, permittees, successors and assigns own activities on or use of the subject property. However, such parties' potential liability under this paragraph to the other shall be limited to the acts and/or omission of it, or its predecessors, agents, contractors, licensees, permittees, successors, and assigns, and shall not include any acts and/or omissions of the other party, its agents, contractors, licensees, permittees, successors or assigns. Grantee shall reasonably maintain the subject property in order to prevent unnecessary deterioration of the surface and to keep the property in an uncluttered condition.

**TO HAVE AND TO HOLD** the above described rights and easements, together with all rights necessary to operate and maintain the facilities over the right-of-way hereby granted unto the said Grantee, its successors and assigns, until such time as the right-of-way and easement is abandoned under the terms stipulated herein. The Grantee may assign the rights and easements herein granted, either in whole or in part, subject to the terms of this grant, and such rights and easements shall be covenants running with the land and be binding upon Grantor, Grantor's heirs, legal representatives and successors in title. Upon abandonment, at the request of the Grantor, Grantee shall execute and deliver to Grantor a document in recordable form evidencing said abandonment.

The making, execution and delivery of this document by Grantor has been induced by no representations, statements, warranties, or other agreements other than those herein expressed. This agreement embodies the entire understanding of the parties, and this instrument may be amended or modified only by subsequent written agreement of the parties.

This agreement is subject to Special Stipulations as described on the attached Exhibit "B". In the event of conflict between the terms of the main body of the Agreement and the Special Stipulations described on the attached Exhibit "B", the Special Stipulations control.

This agreement shall inure to the benefit of the parties hereto, their heirs, successors, and assigns and shall be a burden running with the land.

**IN WITNESS WHEREOF**, this Surface Land Use Agreement may be executed in any number of counterparts, and each such counterpart hereof shall be deemed to be an original instrument, but all such counterparts together shall constitute for all purposes one instrument executed as of the dates of the respective acknowledgments of the parties hereto, but being effective as of the 20th day of August, 2001.

**GRANTOR:**

**SCOFIELD ESTATES, LLC**

By: \_\_\_\_\_

Its: \_\_\_\_\_

TID: \_\_\_\_\_

Date: \_\_\_\_\_

**GRANTEE:**

**PRIMA OIL & GAS COMPANY**

By: \_\_\_\_\_

Its: \_\_\_\_\_

Date: \_\_\_\_\_

ACKNOWLEDGMENT

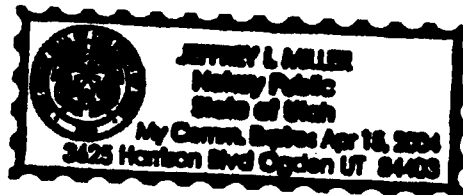
STATE OF UTAH  
COUNTY OF WEBER

I, the undersigned authority, a Notary Public in and for said county and state, hereby certify that Jared F Brown, whose name as President of Scotfield Estates LLC is signed to the foregoing instrument, and who is known to me, acknowledged before me on this day that, being informed of the contents of the instrument, he, with full authority, executed the same voluntarily for and as the act of said corporation.

Given under my hand and seal this 27 day of August, 2001.

Jeffrey L Miller  
Notary Public  
Residing at:

My Commission Expires: 4-15-04



ACKNOWLEDGMENT

STATE OF COLORADO  
COUNTY OF DENVER

I, the undersigned authority, a Notary Public in and for said county and state, hereby certify that \_\_\_\_\_, whose name as \_\_\_\_\_ is signed to the foregoing instrument, and who is known to me, acknowledged before me on this day that, being informed of the contents of the instrument, \_\_\_\_\_, with full authority, executed the same voluntarily for and as the act of said corporation.

Given under my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 2001.

\_\_\_\_\_  
Notary Public  
Residing at:

My Commission Expires: \_\_\_\_\_

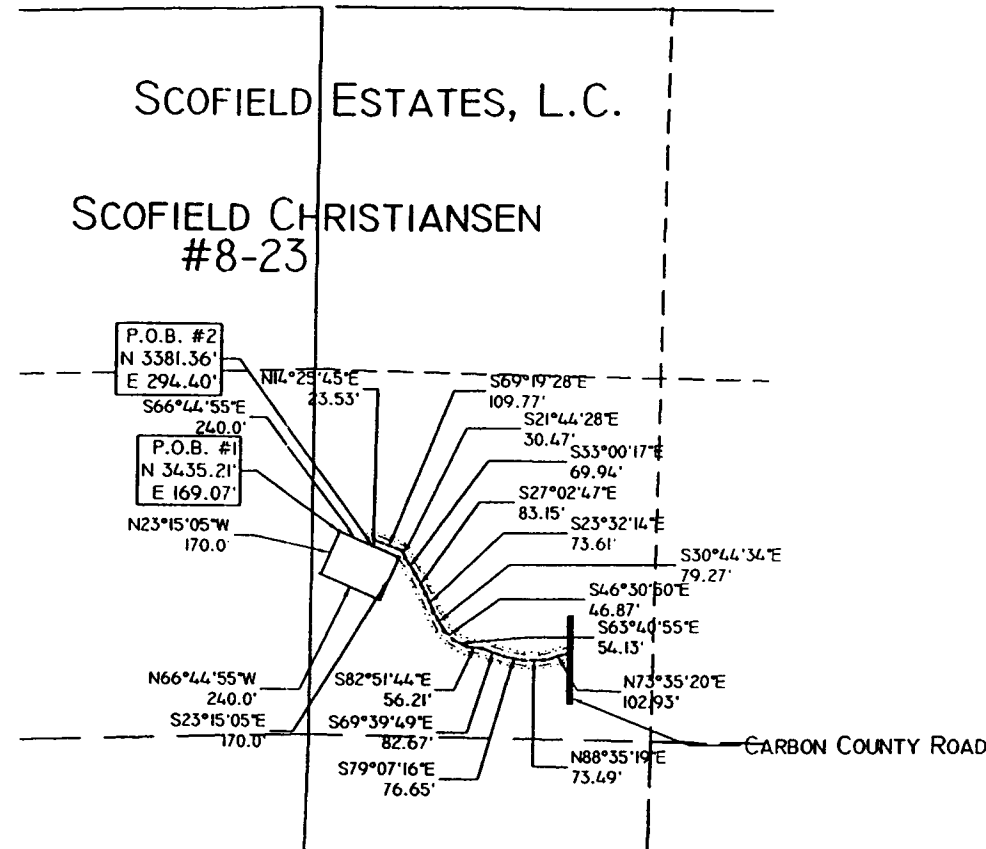
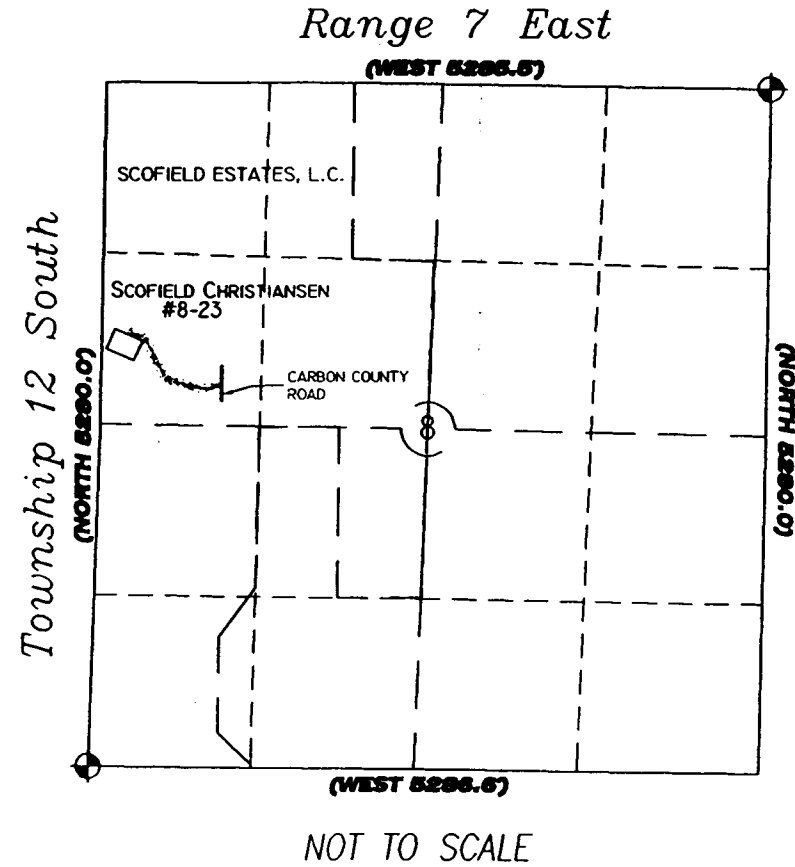
THE FOLLOWING DESCRIBED RIGHT-OF-WAYS  
ARE LOCATED IN CARBON COUNTY  
STATE OF UTAH  
SECTION 8, T12S, R7E, S.L.B.&M.

# Prima Oil & Gas Company Access & Utility Corridor Section 8, T12S, R7E, S.L.B.&M.

A 40' PERMANENT RIGHT-OF-WAY, 20' ON EACH SIDE  
OF THE FOLLOWING DESCRIBED CENTERLINE  
TEMPORARY USE PERMIT, 10' ON EACH SIDE  
OF THE PERMANENT RIGHT-OF-WAY

## REVISIONS

DATE: BY:



SECTION 8, T12S, R7E, S.L.B.&M.  
SCOFIELD ESTATES, L.C.

P.O.B. #1 - SCOFIELD CHRISTIANSEN #8-23

BEGINNING AT A POINT ON THE NORTHWEST CORNER OF WELL SCOFIELD CHRISTIANSEN #8-23, SAID POINT BEING 3435.21' NORTH AND 169.07' EAST OF THE SOUTHWEST CORNER OF SECTION 8, T12S, R7E, S.L.B.&M. THENCE RUNNING S66°44'55"E, 240.0'; THENCE S23°15'05"E, 170.0'; THENCE N66°44'55"W, 240.0'; THENCE N23°15'05"W, 170.0'; MORE OR LESS TO P.O.B. #1.  
0.937 ACRES

P.O.B. #2 - SCOFIELD CHRISTIANSEN #8-23

BEGINNING AT A POINT ON THE NORTHSIDE OF WELL SITE SCOFIELD CHRISTIANSEN #8-23, SAID POINT BEING 3381.36' NORTH AND 294.40' EAST OF THE SOUTHWEST CORNER OF SECTION 8, T12S, R7E, S.L.B.&M. THENCE RUNNING N14°25'45"E, 23.53'; THENCE S69°19'28"E, 109.77'; THENCE S21°44'28"E, 30.47'; THENCE S33°00'17"E, 69.94'; THENCE S27°02'47"E, 83.15'; THENCE S23°32'14"E, 73.61'; THENCE S30°44'34"E, 79.27'; THENCE S46°30'50"E, 46.87'; THENCE S63°40'55"E, 54.13'; THENCE S82°51'44"E, 56.21'; THENCE S69°39'49"E, 82.67'; THENCE S79°07'16"E, 76.65'; THENCE N88°35'19"E, 73.49'; THENCE N73°35'20"E, 102.93'; MORE OR LESS TO A POINT ON THE CARBON COUNTY ROAD.  
1.326 ACRES

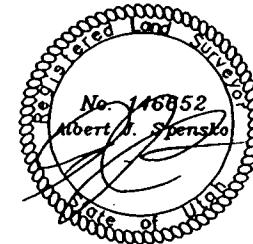
TOTAL LENGTH = 1782.69'

## Surveyor's Certificate:

I, Albert J. Spensko, a Registered Professional Land Surveyor, holding Certificate 146652 State of Utah, do hereby certify that the information on this drawing is a true and accurate survey based on data of record and was conducted under my personal direction and supervision as shown hereon.

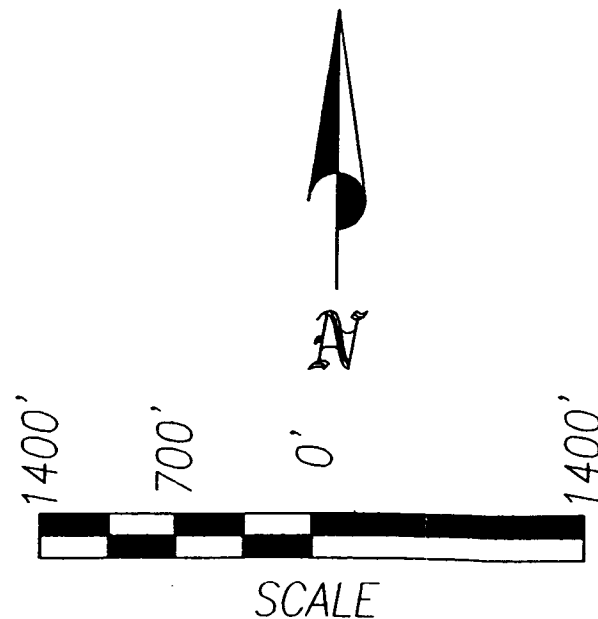
Signature

Date



## LEGEND

— — — — — PROPERTY LINE  
— — — — — SECTION LINE  
— — — — — 1/4 SECTION LINE  
- - - - - 40 ACRE LINE  
- - - - - ROW BOUNDARY  
(N00°00'00"W) GLO  
(N00°00'00"W) GPS - SURVEY  
POB POINT OF BEGINNING  
SECTION CORNER FOUND



## NOTES

1. THIS IS A CENTERLINE SURVEY OF THE ACCESS CORRIDOR ONLY AND DOES NOT REFLECT OR DELINEATE PROPERTY BOUNDARIES.

## DESTINATION OF DOCUMENT

Company / Agency	Office Location	Submission Date
Prima Oil & Gas Company	1099 18th Street Suite 400 Denver, Colorado 80202	
Scotfield Estates, L.C.	3425 South Harrison Blvd. Ogden, Utah 84403	

Prepared For:  
Prima Oil & Gas Company  
Access & Utility Corridor

Prepared By:  
Talon Resources, Inc.



Talon Resources

Technical Group

375 South Carbon Ave.  
Price, Utah 84501  
Phone (435)637-8781  
FAX (435)636-8603

PRIMA OIL & GAS COMPANY  
ACCESS & UTILITY CORRIDOR  
SECTION 8, T12S, R7E, S.L.B. & M.

DRAWN BY:

M. MOON

CHECKED BY:

LWJ / AJS

DATE:

07/26/01

SCALE:

1" = 1400'

JOB NO.

362

DRAWING NO.

A-1

**EXHIBIT "B"**  
**SPECIAL STIPULATIONS**

Attached to and made a part of that certain Surface Land Use Agreement effective the 20th day of August, 2001, by and between Scofield Estates, LLC, as Grantor, and Prima Oil & Gas Company, as Grantee.

1. Each pipeline and power line installed hereunder shall be constructed not less than five (5) feet below the surface elevation of said land at the time of construction, provided that subsoil and subsurface conditions will permit a pipeline or power line to be constructed at this depth using normal construction methods. In the event that rock or other subsoil or subsurface conditions, including other previously laid pipe or other lines, do not permit a pipeline or power line to be constructed at this depth by normal construction methods, each pipeline or power line constructed hereunder shall be constructed at the lowest depth above the five (5) feet minimum depth specified above that normal construction methods will permit. It is agreed and understood that there is no obligation on the part of Grantee to bury power lines. Grantor, its successors or assigns, shall give reasonable notice to Grantee before crossing a pipeline or power line at locations other than existing roadways so that Grantee may instruct Grantor on what measures must be taken by Grantor to protect such facilities from damage.
2. It is hereby understood and agreed that by the execution of this agreement, Grantee does not serve to waive, forfeit, or limit any rights it may have by virtue of the mineral Lease(s) active on the subject properties and shall not be deemed as a limitation on additional surface use if further mineral development is contemplated. If the need for such additional surface use arises, Grantor and Grantee agree to negotiate in good faith to reach an agreement substantially similar in form to this agreement for such use.
3. Grantee shall have the right at any time, but not the necessity, to remove or abandon in place all machinery, fixtures, power lines and pipelines placed on or in said land, including the right to draw and remove casing. Upon cessation of its operations on the subject lands, Grantee shall restore the surface of the lands to as near its original condition as possible and shall reseed the lands with a grass mixture specified by Grantor. In no event shall Grantor be due any further damages for Grantee's efforts to restore the surface of the subject lands.
5. All roads shall be constructed with appropriate ditches and drain culverts to allow proper drainage off of said roads and also to prevent water from backing up along said roads, all at the sole expense of Grantee. Grantee shall use its best efforts to keep dust from the road to a minimum.
6. In the event Grantee achieves commercial production from the well drilled pursuant to this agreement Grantee agrees to install an earthen berm on the "downhill side of the well site and/or plant aspen trees on the berm or downhill side of the well site for the purpose of reducing the visibility of the well site.

**SIGNED FOR IDENTIFICATION**

**SCOFIELD ESTATES, LLC**

By: 

Its:

**PRIMA OIL & GAS COMPANY**

By: \_\_\_\_\_

Its:



State of Utah

Department of  
Natural Resources

ROBERT L. MORGAN  
*Executive Director*

Division of  
Oil, Gas & Mining

LOWELL P. BRAXTON  
*Division Director*

OLENE S. WALKER  
*Governor*

GAYLE F. McKEACHNIE  
*Lieutenant Governor*

August 3, 2004

Susan Miller  
Prima Oil & Gas Company  
1099 18<sup>th</sup> Ste. 400  
Denver, CO 80202

Re: APD Rescinded – Scofield Christiansen 8-23, Sec. 8, T. 12S, R. 7E  
Carbon County, Utah API No. 43-007-30788

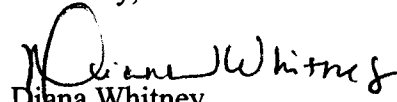
Dear Ms. Miller:

The Application for Permit to Drill (APD) for the subject well was approved by the Division of Oil, Gas and Mining (Division) on September 4, 2001. On August 19, 2002 and on August 6, 2003 the Division granted a one-year APD extension. No drilling activity at this location has been reported to the division. Therefore, approval to drill the well is hereby rescinded, effective August 3, 2004.

A new APD must be filed with this office for approval prior to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,

  
Diana Whitney  
Engineering Technician

cc: Well File  
Gil Hunt, Technical Services Manager

**Operator:** Prima Oil & Gas Company  
**Well Name & Number** Scofield Christiansen 8-23  
**API Number:** 43-007-30788  
**Lease:** Fee  
**Location:** SW NW      **Sec.** 8      **T.** 12 South      **R.** 7 East

### **Conditions of Approval**

**1. General**

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

**2. Notification Requirements**

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- 24 hours prior to cementing or testing casing
- 24 hours prior to testing blowout prevention equipment
- 24 hours prior to spudding the well
- within 24 hours of any emergency changes made to the approved drilling program
- prior to commencing operations to plug and abandon the well

The following are Division of Oil, Gas and Mining contacts and their work telephone numbers (please leave a voice mail message if the person is not available to take the call):

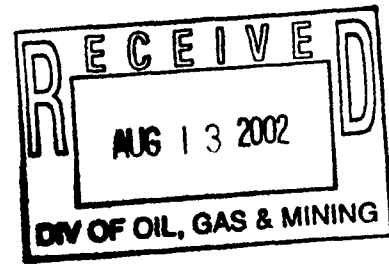
- Dan Jarvis at (801) 538-5338
- Carol Daniels at (801) 538-5284 (spud)

**3. Reporting Requirements**

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

**4. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)**

**5. Operator shall comply with applicable recommendations resulting from Resource Development Coordinating Committee review. Statements attached.**



August 12, 2002

Utah Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, UT 84114

Attention: Diana Mason

Re: Scofield Christiansen 8-23 Sundry

Dear Diana,

I have recently started working on permitting in Utah, so please any comments or assistant you can give me, I would really appreciate.

Enclosed is a sundry notice for the Scofield Christiansen 8-23 requesting an extension of the APD expiring in September.

Thank you in advance and should you have any questions, I can be reached at 303-297-2300.

Sincerely,

Jan Kajiwar  
Operations Assistant

Enc



STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:

Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

N/A

7. UNIT or CA AGREEMENT NAME:

N/A

8. WELL NAME and NUMBER:

SCOFIELD CHRISTIANSEN 8-23

9. API NUMBER:

007-30788

10. FIELD AND POOL, OR WILDCAT:

WILDCAT

1. TYPE OF WELL

OIL WELL ☐

GAS WELL ☐

OTHER \_\_\_\_\_

2. NAME OF OPERATOR:

PRIMA OIL & GAS COMPANY

3. ADDRESS OF OPERATOR:

1099 18th St., #400

CITY

Denver

STATE

CO

ZIP

80202

PHONE NUMBER:

(303) 297-2300

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 1972' FNL, 222' FWL

COUNTY: CARBON

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWNW <sup>8</sup>/<sub>8</sub> 12S 7E

STATE:

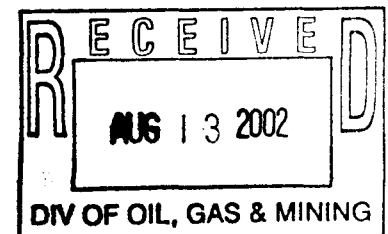
UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON	
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE	
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: EXTENSION REQUEST	
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION		

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

PRIMA OIL & GAS IS REQUESTING A ONE YEAR EXTENSION ON THIS APD.



NAME (PLEASE PRINT) JAN KAJIWARA

TITLE OPERATIONS ASSISTANT

SIGNATURE

DATE 8/12/2002

(This space for State use only)

COPIES SENT TO OPERATOR (RAY)  
9-25-02  
CND

(5/2000)

(See Instructions on Reverse Side)

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: 08-19-02  
By:

**Application for Permit to Drill  
Request for Permit Extension  
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

**API:** 43-007-30788  
**Well Name:** SCOFIELD CHRISTIANSEN 8-23  
**Location:** 1972' FNL and 222' FWL, SWNW Sec. 8, T12S, R7E  
**Company Permit Issued to:** Prima Oil & Gas Company  
**Date Original Permit Issued:** 9/4/2001

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☒ Ownership has not changed.

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

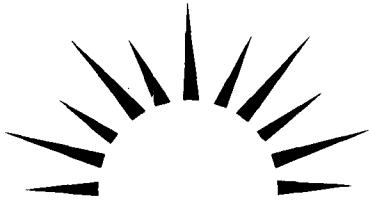
Is bonding still in place, which covers this proposed well? Yes ☒ No ☐

  
\_\_\_\_\_  
Signature

8/4/2003  
\_\_\_\_\_  
Date

**Title:** Operations Tech.

**Representing:** Prima Oil & Gas Company



**Prima Oil & Gas Company**

CONFIDENTIAL

August 4, 2003

*Via US Mail*

State of Utah  
Department of Natural Resources  
Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
Salt Lake City, Ut 84114-5801  
Attn: Ms. Diana Mason

Re: **APD Extension**  
**Sundry Notice and Request for Permit Extension Validation**

Dear Ms. Mason:

Enclosed please find a copy of the referenced Sundry Notice along with a completed Permit Extension Validation form for the following well.

**SCOFIELD CHRISTIANSEN 8-23**  
**API No. 43-007-30788**

Thank you in advance for your cooperation and please feel free to contact me if you have any questions.

Sincerely,

**PRIMA OIL AND GAS COMPANY**

  
Susan Miller  
Operations Tech.

SMM  
Enclosures

cc: Jan Kajiwara, Prima Oil & Gas  
Carol Myers, Prima Oil & Gas  
Lisa Morris, Prima Oil & Gas  
Cindi Danner-Weide, Prima Oil & Gas

**RECEIVED**

**AUG 06 2003**

DIV. OF OIL, GAS & MINING

CONFIDENTIAL

FORM 9

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
2. NAME OF OPERATOR: Prima Oil & Gas Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: n/a
3. ADDRESS OF OPERATOR: 1099 18th St., Ste. 400 <small>CITY</small> Denver <small>STATE</small> CO <small>ZIP</small> 80202		7. UNIT or CA AGREEMENT NAME: n/a
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1972' FNL, 222' FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWNW 8 12S 7E		8. WELL NAME and NUMBER: Scofield Christiansen 8-23
PHONE NUMBER: (303) 297-2300		9. API NUMBER: 007-30788
		10. FIELD AND POOL, OR WILDCAT: Wildcat

COUNTY: Carbon

STATE: UTAH

**11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
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	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: <u>Extension Request</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Prima Oil & Gas Company respectfully requests a 1-year extension of the APD for the subject well.

Attached is a completed Request for Extension Validation form.

**Approved by the  
Utah Division of  
Oil, Gas and Mining**  
Date: 08-06-03  
By: [Signature]

**COPY SENT TO OPERATOR**  
Date: 8-7-03  
Initials: [Signature]

NAME (PLEASE PRINT) <u>Susan Miller</u>	TITLE <u>Operations Tech.</u>
SIGNATURE <u>[Signature]</u>	DATE <u>8/4/2003</u>

(This space for State use only)

**RECEIVED****AUG 06 2003**

DIV. OF OIL, GAS &amp; MINING



State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor

Kathleen Clarke  
Executive Director

Lowell P. Braxton  
Division Director

1594 West North Temple, Suite 1210  
PO Box 145801  
Salt Lake City, Utah 84114-5801  
801-538-5340  
801-359-3940 (Fax)  
801-538-7223 (TDD)

September 4, 2001

Prima Oil & Gas Company  
1099 18th St., Ste. 400  
Denver, CO 80202

Re: Scofield Christiansen 8-23 Well, 1972' FNL, 222' FWL, SW NW, Sec. 8, T. 12 South,  
R. 7 East, Carbon County, Utah

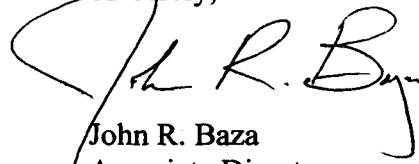
Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-007-30788.

Sincerely,

  
John R. Baza  
Associate Director

dm

Enclosures

cc: Carbon County Assessor